Bridge to 6th Grade

Summer Math Homework

Week 1

- Monday
- Tuesday
- Wednesday
- Thursday
- Friday

Monday

1) 53 × 5

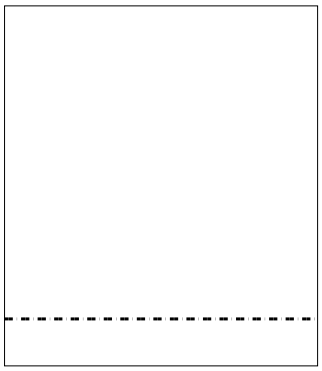
2) 26 × 6

3) 72 × 4

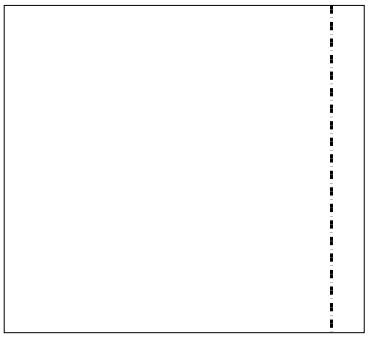
4) 97 × 2

5) 72 × 3

6) Use the visual model to solve: 23×20

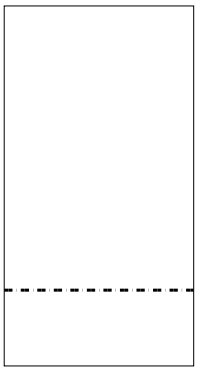


7) Use the visual model to solve: 30×33

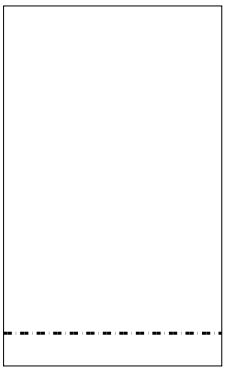


8) Use the visual model to solve: 20×25

9) Use the visual model to solve: 38×20



10) Use the visual model to solve: 33×20



Tuesday

1) 57×4

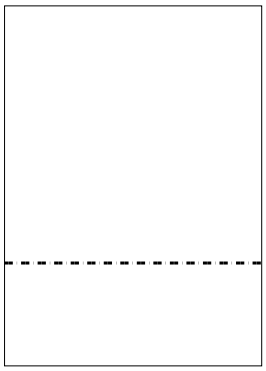
2) 28×8

3) 56×4

4) 28×7

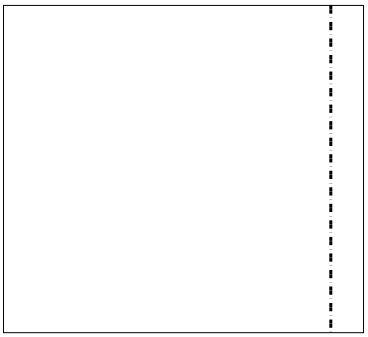
5) 11×9

6) Use the visual model to solve: 28×20

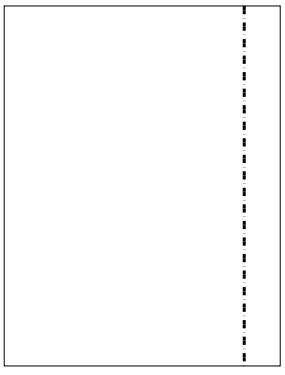


7) Use the visual model to solve: 20×37

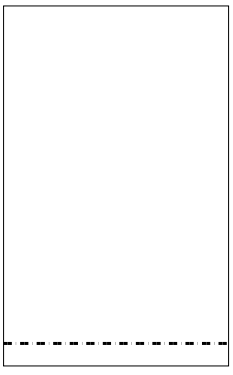
8) Use the visual model to solve: 20×22



9) Use the visual model to solve: 30×23

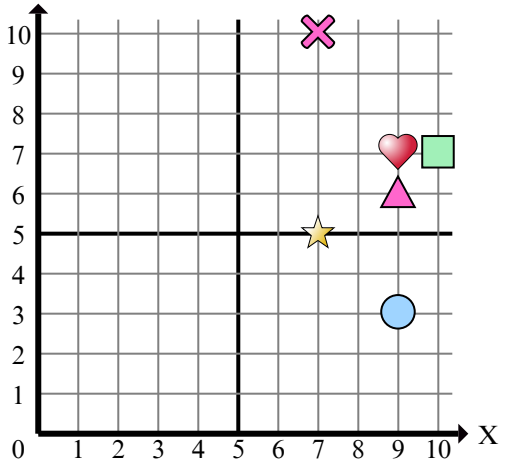


10) Use the visual model to solve: 32×20

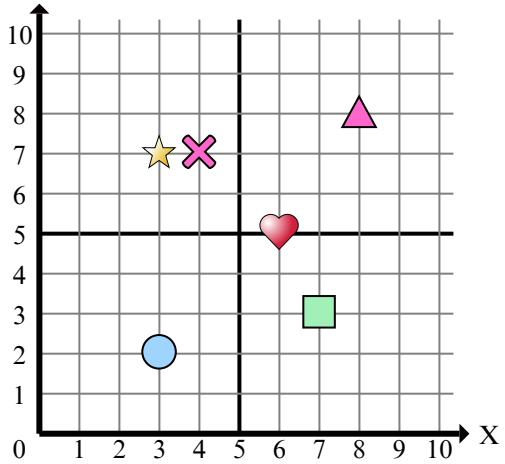


Determine which coordinate plane answers each question.

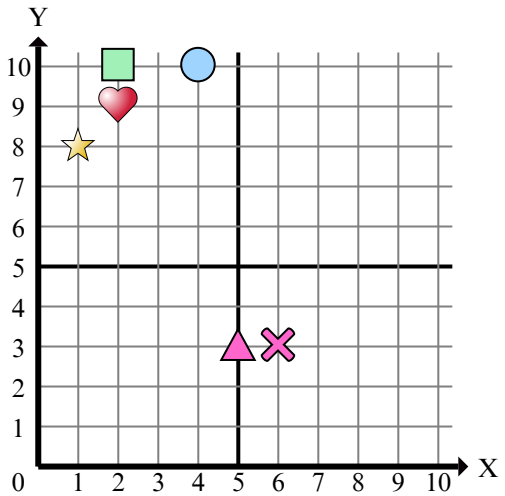
A.



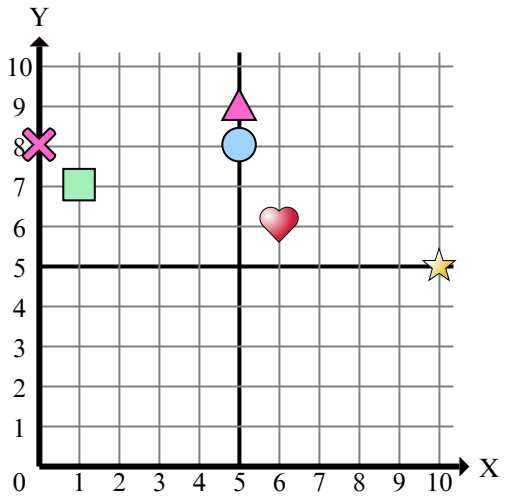
B.



C.



D.



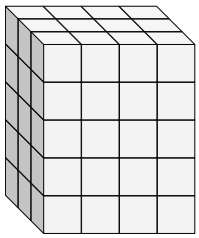
1) Which coordinate plane has a shape at (0 , 8)?
2) Which coordinate plane has a shape at (6 , 3)?
3) Which coordinate plane has a shape at (10 , 7)?
4) Which coordinate plane has a shape at (6 , 6)?
5) Which coordinate plane has a shape at (7 , 5)?
6) Which coordinate plane has a shape at (10 , 5)?
7) Which coordinate plane has a shape at (7 , 10)?
8) Which coordinate plane has a shape at (5 , 8)?
9) Which coordinate plane has a shape at (4 , 10)?
10) Which coordinate plane has a shape at (2 , 9)?
11) Which coordinate plane has a shape at (1 , 8)?
12) Which coordinate plane has a shape at (9 , 7)?
13) Which coordinate plane has a shape at (2 , 10)?
14) Which coordinate plane has a shape at (6 , 5)?
15) Which coordinate plane has a shape at (5 , 3)?

Answers

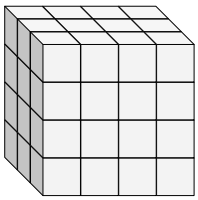
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____

Find the length, width and height of the rectangular prism. Then find the volume.

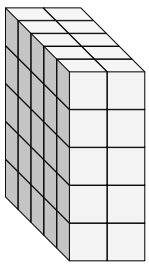
Ex)



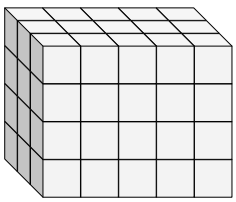
1)



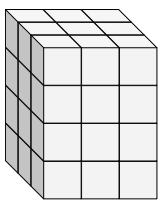
2)



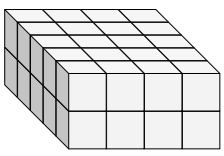
3)



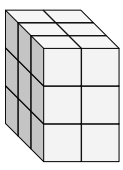
4)



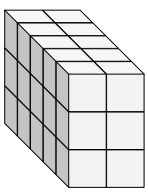
5)



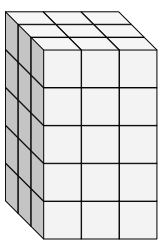
6)



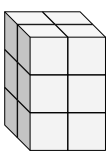
7)



8)



9)



Friday

1) 94 × 3

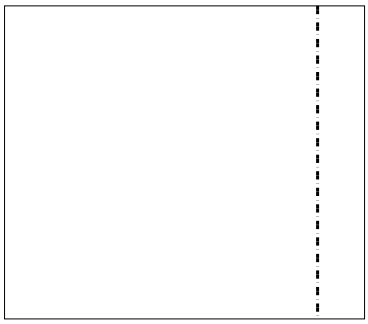
2) 22 × 6

3) 70 × 5

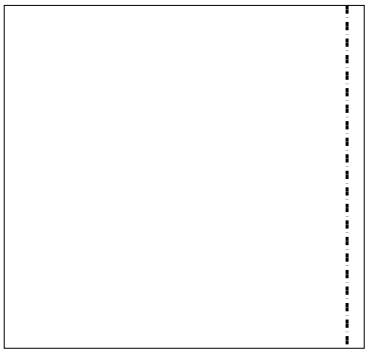
4) 17 × 9

5) 18 × 3

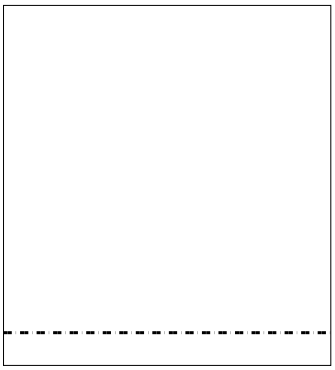
6) Use the visual model to solve: 20×23



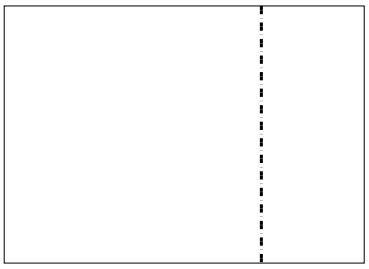
7) Use the visual model to solve: 20×21



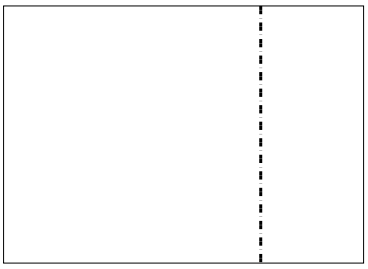
8) Use the visual model to solve: 22×20



9) Use the visual model to solve: 20×28



10) Use the visual model to solve: 20×28



Week 2

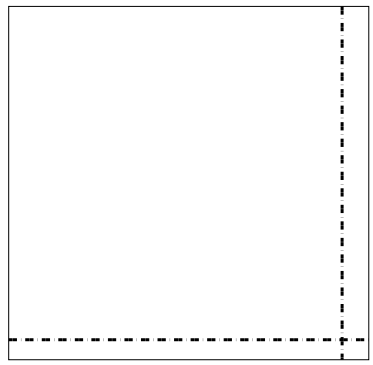
- Monday
- Tuesday
- Wednesday
- Thursday
- Friday

Monday

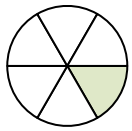
1) $5{,}179 \times 3$

2) Use the visual model to solve.

$53 \times 54 =$

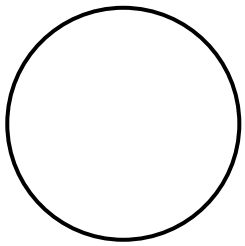


3) Write the shaded amount as a fraction of the whole.



4) $? + \frac{5}{9} = 1$

5) Split the shape into 3 equal parts and label each part.

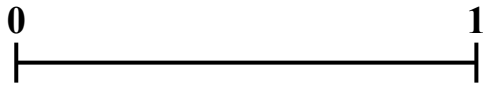


6) Write as an equation with the answer.

7) Solve. Write improper fractions as whole numbers.

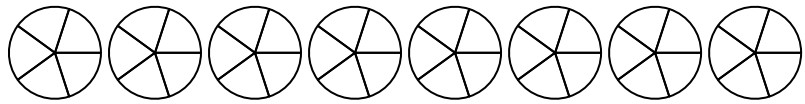
$\frac{1}{6} + \frac{1}{6} =$

8) Partition into 6 equal pieces and label each partition.



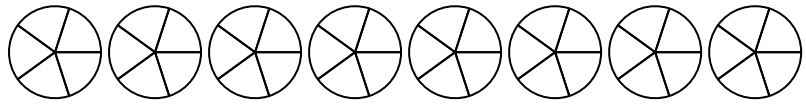
9) Use the visual model to solve.

$1\frac{2}{5} + 2\frac{4}{5} =$



10) Use the visual model to solve.

$5\frac{4}{5} - 2\frac{3}{5} =$

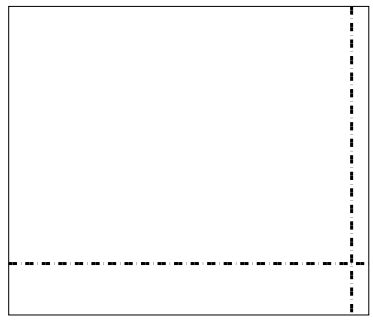


Tuesday

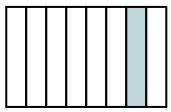
1) $5{,}936 \times 5$

2) Use the visual model to solve.

$36 \times 42 =$

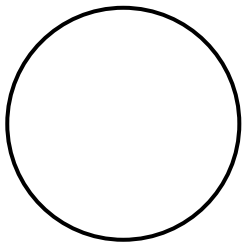


3) Write the shaded amount as a fraction of the whole.



4) $? + \frac{2}{4} = 1$

5) Split the shape into 4 equal parts and label each part.

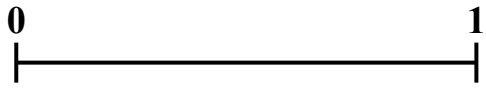


6) Write as an equation with the answer.

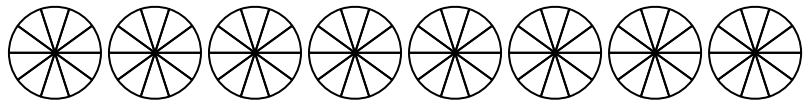
7) Solve. Write improper fractions as whole numbers.

$\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} =$

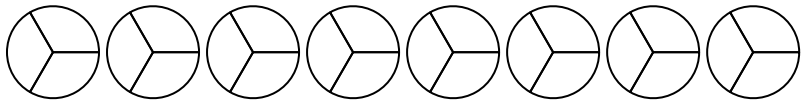
8) Partition into 4 equal pieces and label each partition.



9) Use the visual model to solve.

$3\frac{9}{10} + 3\frac{2}{10} =$ 

10) Use the visual model to solve.

$6\frac{2}{3} - 4\frac{1}{3} =$ 

Determine which choice best show the value written as a numeral.

1) three hundred fifteen and sixty-one hundredths
A. 315.61 B. 513.6 C. 513.61 D. 315.061

2) eighty-six and five hundredths
A. 68.0 B. 86.50 C. 86.05 D. 68.50

3) three hundred twenty-six and sixteen hundredths
A. 326.016 B. 326.16 C. 326.0016 D. 623.1

4) five hundred fifty-one and seventy-two hundredths
A. 551.072 B. 551.72 C. 155.27 D. 551.0072

5) fifty-eight and ninety-two thousandths
A. 58.290 B. 85.0 C. 85.09 D. 58.092

6) forty-seven and nine hundredths
A. 47.90 B. 47.09 C. 47.9 D. 74.90

7) sixty-eight and three hundred sixty-nine thousandths
A. 86.36 B. 68.369 C. 86.3 D. 86.963

8) seventy-eight and two tenths
A. 78.2 B. 78.02 C. 78.002 D. 87.2

9) fifty-seven and one thousandth
A. 75.100 B. 75.001 C. 57.001 D. 57.100

10) seven hundred ninety-five and one hundred sixty-three thousandths
A. 795.163 B. 597.163 C. 597.1 D. 795.0163

11) sixty-three and seventy-five thousandths
A. 36.075 B. 36.0 C. 63.570 D. 63.075

12) sixteen and nine hundred fifty-three thousandths
A. 16.00953 B. 16.359 C. 16.953 D. 61.95

13) two hundred eighty-one and nine hundred thirty-two thousandths
A. 182.93 B. 281.00932 C. 281.932 D. 182.9

14) six hundred eighty-four and eighty-nine thousandths
A. 684.980 B. 684.089 C. 486.08 D. 684.0089

15) forty-two and three hundred ninety-eight thousandths
A. 24.398 B. 42.0398 C. 42.893 D. 42.398

Convert each decimal to a fraction.

Converting from a decimal to a fraction is simple as long as you remember the place values.

___	___	.	___	___
tens	ones		tenths	hundredths

0.9

The example above is nine-tenths. Lets look at how we'd write that as a fraction.

$\frac{9}{10}$

0.63

We do the same thing for the problem above. But because it is into the hundredths place we put our number over 100.

$\frac{63}{100}$

Ex) 0.83 = $\frac{83}{100}$

1) 0.38 = ____

2) 0.62 = ____

3) 0.3 = ____

4) 0.07 = ____

5) 0.21 = ____

6) 0.02 = ____

7) 0.90 = ____

8) 0.49 = ____

9) 0.04 = ____

10) 0.9 = ____

11) 0.5 = ____

12) 0.8 = ____

13) 0.24 = ____

14) 0.6 = ____

15) 0.09 = ____

16) 0.1 = ____

17) 0.06 = ____

18) 0.79 = ____

19) 0.2 = ____

20) 0.41 = ____

Answers

Ex. $\frac{83}{100}$

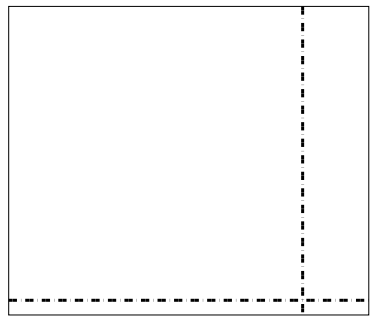
1. ____
2. ____
3. ____
4. ____
5. ____
6. ____
7. ____
8. ____
9. ____
10. ____
11. ____
12. ____
13. ____
14. ____
15. ____
16. ____
17. ____
18. ____
19. ____
20. ____

Friday

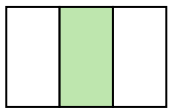
1) $\begin{array}{r} 9{,}470 \\ \times \quad 9 \\ \hline \end{array}$

2) Use the visual model to solve.

$42 \times 49 =$

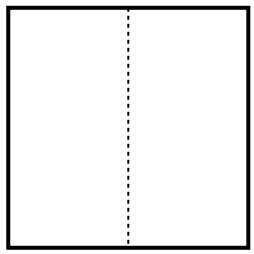


3) Write the shaded amount as a fraction of the whole.

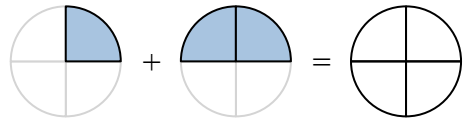


4) $\frac{3}{9} + \quad ? \quad = 1$

5) Split the shape into 4 equal parts and label each part.



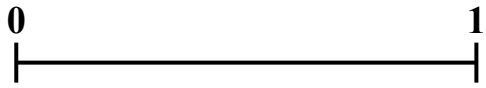
6) Write as an equation with the answer.



7) Solve. Write improper fractions as whole numbers.

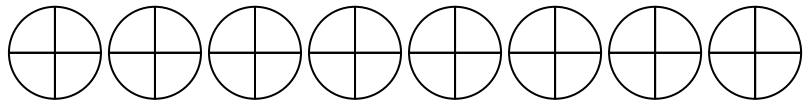
$\frac{1}{5} + \frac{1}{5} =$

8) Partition into 2 equal pieces and label each partition.



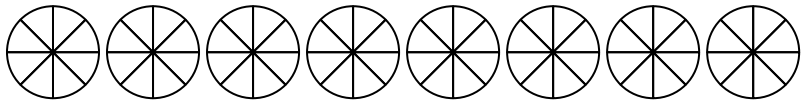
9) Use the visual model to solve.

$1\frac{3}{4} + 3\frac{2}{4} =$



10) Use the visual model to solve.

$7\frac{4}{8} - 4\frac{6}{8} =$



Week 3

- Monday
- Tuesday
- Wednesday
- Thursday
- Friday

Monday

1)
$$\begin{array}{r} 25 \\ \times\ 65 \\ \hline \end{array}$$

2) $9\overline{)7,627}$

3) Fill in the blank to complete the pattern.

$$\frac{1}{7} = \frac{\quad}{\quad} = \frac{3}{21} = \frac{4}{28} = \frac{5}{35} = \frac{6}{42}$$

4) Fill in the blank to make an equivalent fraction.

$$\frac{3}{4} = \frac{\quad}{24}$$

5) $^{5}/_{10} + {}^{25}/_{100} =$

6) Convert to a decimal.

$$\frac{41}{100} = \underline{\quad\quad}$$

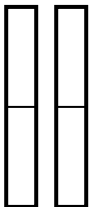
7) Answer as a mixed number (if possible).

$$\frac{3}{4} + \frac{1}{2} =$$

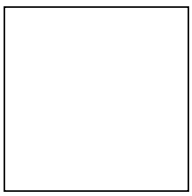
8) Answer as an improper fraction (if possible). Reduce if possible.

$$\frac{7}{2} \times \frac{2}{3} =$$

9) $^{1}/_{2} \times 2 =$



10) Use the model to solve: $^{1}/_{5} \div 2$



Tuesday

1)
$$\begin{array}{r} 65 \\ \times\ 77 \\ \hline \end{array}$$

2) $8\overline{)3,000}$

3) Fill in the blank to complete the pattern.

$$\frac{1}{2} = \frac{2}{4} = \frac{3}{6} = \frac{4}{8} = \frac{\quad}{\quad} = \frac{6}{12}$$

4) Fill in the blank to make an equivalent fraction.

$$\frac{2}{7} = \frac{14}{\quad}$$

5) $^{67}/_{100} + {}^{3}/_{10} =$

6) Convert to a decimal.

$$\frac{93}{100} = \underline{\quad\quad}$$

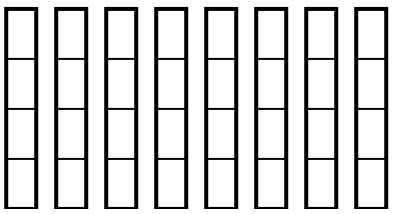
7) Answer as a mixed number (if possible).

$$\frac{26}{5} - \frac{5}{2} =$$

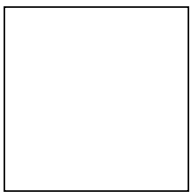
8) Answer as an improper fraction (if possible). Reduce if possible.

$$\frac{3}{4} \times \frac{5}{2} =$$

9) $^{2}/_{4} \times 9 =$



10) Use the model to solve: $^{1}/_{2} \div 8$



Fill in the blanks in each of the conversion tables.

	Yards	Feet
1)		18
2)		15
3)		3
4)	9	
5)	4	

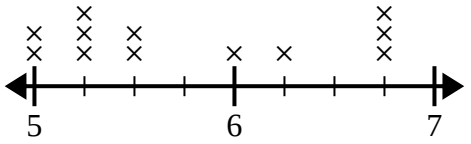
	Millimeters	Centimeters
6)	20	
7)		7
8)		5
9)		3
10)	90	

	Meters	Centimeters
11)	8	
12)		900
13)		300
14)	1	
15)		1,000

	Meters	Kilometers
16)		2
17)	8,000	
18)		5
19)	9,000	
20)		3

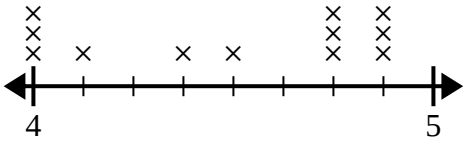
Use the line plots to answer each question.

1) The line plot below shows the distance students lived from the school (in miles).



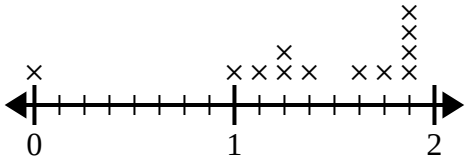
What is the difference in miles between the students who live closest and furthest away?

2) The line plot below shows the height (in inches) of different phone brands.



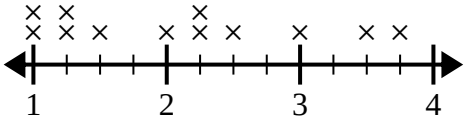
What is the difference in height between the shortest phone and longest phone?

3) The line plot below shows the amount of water (in gallons) students drank in a week.



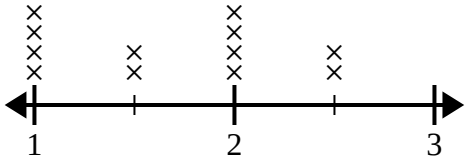
What is the difference in the lowest amount of water and the highest amount of water students drank?

4) The line plot below shows the size (in inches) of several different frog species.



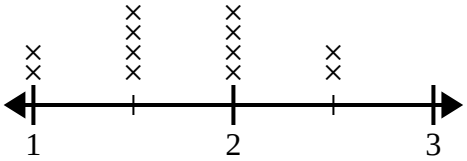
What is the difference in size between the shortest species and longest species of frog?

5) The line plot below shows the length (in feet) of the girls hair in Mr.Wood's class.



What is the difference in length between the girls with the shortest and longest hair?

6) The line plot below shows the distance (in miles) Carol walked each day.



What is the difference in distance between the fewest miles she walked in a day and most miles she walked in a day?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

Friday

1)
$$\begin{array}{r} 98 \\ \times\ 16 \\ \hline \end{array}$$

2) $7\overline{)9,205}$

3) Fill in the blank to complete the pattern.

$$\frac{4}{6} = \frac{8}{12} = \frac{12}{18} = \frac{16}{24} = \frac{\quad}{\quad} = \frac{24}{36}$$

4) Fill in the blank to make an equivalent fraction.

$$\frac{1}{5} = \frac{\quad}{10}$$

5) $^{57}/_{100} + {}^{2}/_{10} =$

6) Convert to a decimal.

$$\frac{48}{100} = \underline{\quad\quad}$$

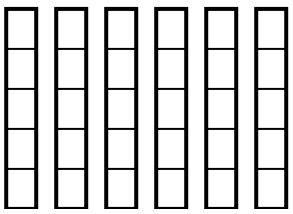
7) Answer as a mixed number (if possible).

$$2\frac{1}{2} + 1\frac{1}{5} =$$

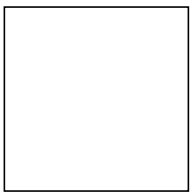
8) Answer as an improper fraction (if possible). Reduce if possible.

$$2\frac{2}{4} \times 1\frac{1}{3} =$$

9) $^{3}/_{5} \times 6 =$



10) Use the model to solve: $^{1}/_{8} \div 3$



Week 4

- Monday
- Tuesday
- Wednesday
- Thursday
- Friday

Monday

1)
$$\begin{array}{r} 318 \\ \times \quad 59 \\ \hline \end{array}$$

2) $27 \overline{)2,588}$

3) Dave drew a line that was $6\,{}^{6}\!/_{7}$ inches long. If he drew a second line that was $4\,{}^{4}\!/_{5}$ inches longer, what is the length of the second line? Answer as a mixed number.

4) $\frac{1}{5} \div 9 =$

5) Reduce if possible.
$\frac{11}{4} \times \frac{1}{4} =$

6) What number completes both equations?
${}^{1}\!/_{4} \div 9 = ?$
$? \times 9 = {}^{1}\!/_{4}$

7) Write as a mixed number.
$\frac{63}{6} =$

8) Write as an improper fraction.
$8\ \frac{1}{2} =$

9) Which number has the least value?
A. 2.79 B. 9.27
C. 27.9 D. 7.92

10) Order from small to large.
A. 5.8 B. 5.3
C. 5.7 D. 5.04

Tuesday

1)
$$\begin{array}{r} 692 \\ \times \quad 57 \\ \hline \end{array}$$

2) $82 \overline{)3,772}$

3) In December it snowed $6\ {}^{1}\!/_{5}$ inches. In January it snowed $5\ {}^{1}\!/_{2}$ inches. What is the combined amount of snow for December and January? Answer as a mixed number.

4) $\frac{1}{3} \div 4 =$

5) Reduce if possible.

$\frac{1}{2} \times \frac{9}{5} =$

6) What number completes both equations?

${}^{1}\!/_{9} \div 9 = ?$

$? \times 9 = {}^{1}\!/_{9}$

7) Write as a mixed number.

$\frac{5}{2} =$

8) Write as an improper fraction.

$2\ \frac{1}{2} =$

9) Which number has the least value?

A. 9.46 B. 49.6

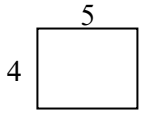
C. 69.4 D. 4.96

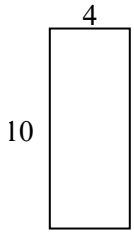
10) Order from small to large.

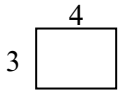
A. 49.1 B. 49.99

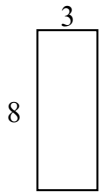
C. 50 D. 49.7

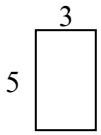
Find the perimeter and area of each figure. Each figure is in centimeters (cm). Not to scale.

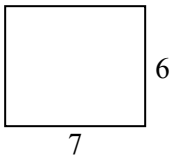
1) 

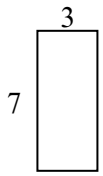
2) 

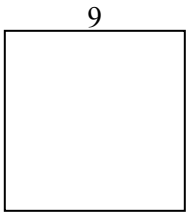
3) 

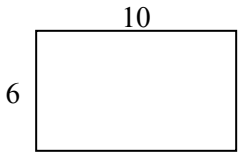
4) 

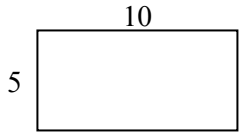
5) 

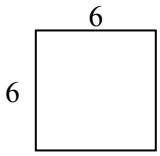
6) 

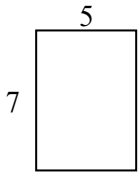
7) 

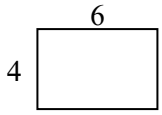
8) 

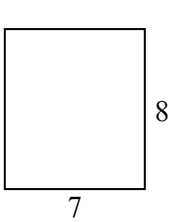
9) 

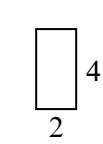
10) 

11) 

12) 

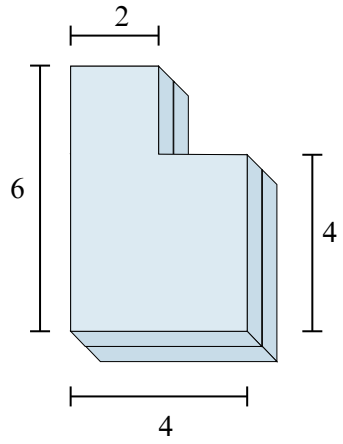
13) 

14) 

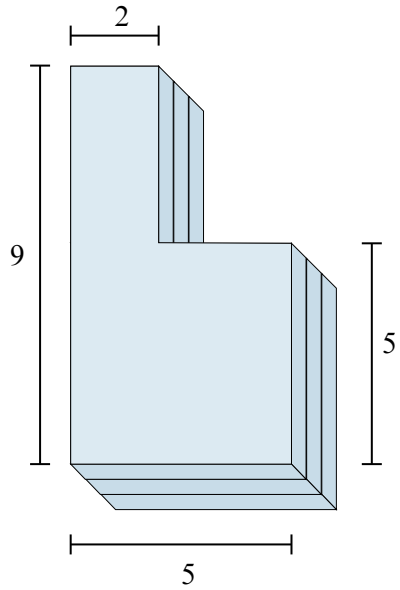
15) 

Find the total volume of each figure shown. Measured in cm (not to scale).

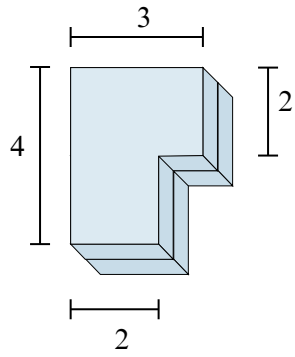
1)



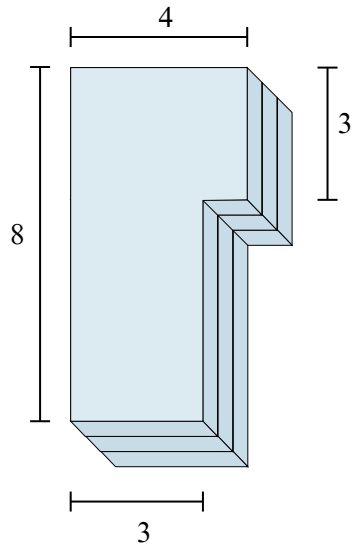
2)



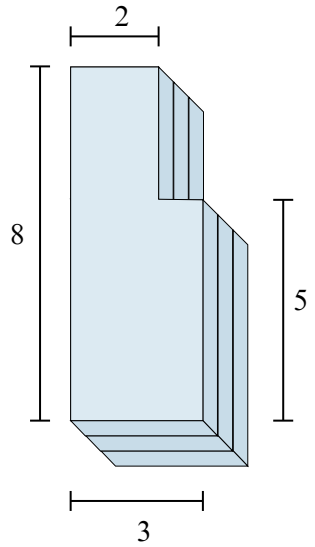
3)



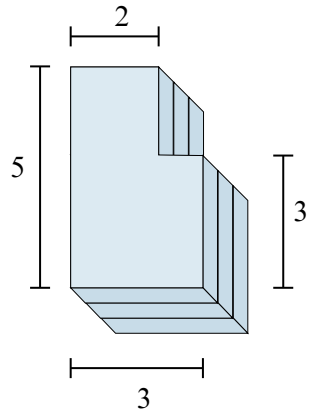
4)



5)



6)



Friday

1)
$$\begin{array}{r} 919 \\ \times \quad 26 \\ \hline \end{array}$$

2) $5\overline{)3,200}$

3) Vanessa bought a bamboo plant that was $9\frac{2}{3}$ feet high. After a month it had grown another $3\frac{1}{6}$ feet. What was the total height of the plant after a month? Answer as a mixed number.

4) $\frac{1}{2} \div 4 =$

5) Answer as an improper fraction (if possible). Reduce if possible.

$3\frac{2}{3} \times 2\frac{1}{2} =$

6) What number completes both equations?

$\frac{1}{9} \div 3 = ?$

$? \times 3 = \frac{1}{9}$

7) Write as a mixed number.

$\frac{3}{2} =$

8) Write as an improper fraction.

$5\frac{1}{5} =$

9) Which number has the least value?

A. 54.9 B. 45.9

C. 9.54 D. 49.5

10) Order from small to large.

A. 49 B. 48.95

C. 48.55 D. 48.5

Week 5

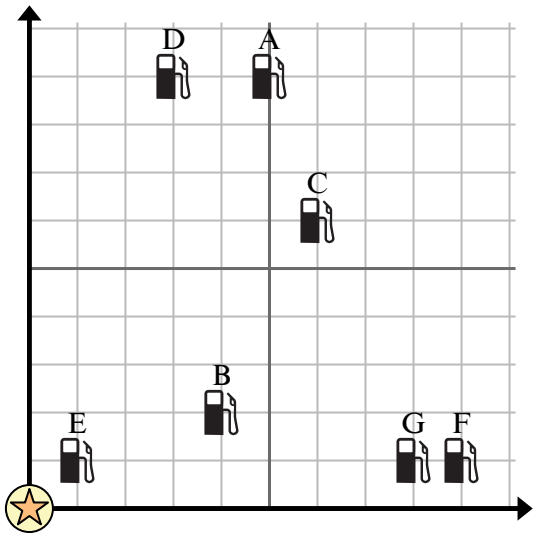
- Monday
- Tuesday
- Wednesday
- Thursday
- Friday

Use the grid to solve each problem.

= Gas Station

= Mall

= 1 Square Mile



1) Which gas station is closest to the mall?

2) Which gas station is furthest from the mall?

3) If you were to go 3 miles east and 9 miles north from the mall which gas station would you end up at?

4) Which gas station is further west? Station A or Station D?

5) Investors wanted to build a new gas station, but wanted to make sure it was at least 2 miles from a pre-existing station. Should they build a gas station 9 miles east and 6 miles north of the mall?

6) Which well is closest to the water tower?

7) Which well is furthest from the water tower?

8) If you were to go 10 miles east and 5 miles north from the water tower which well would you end up at?

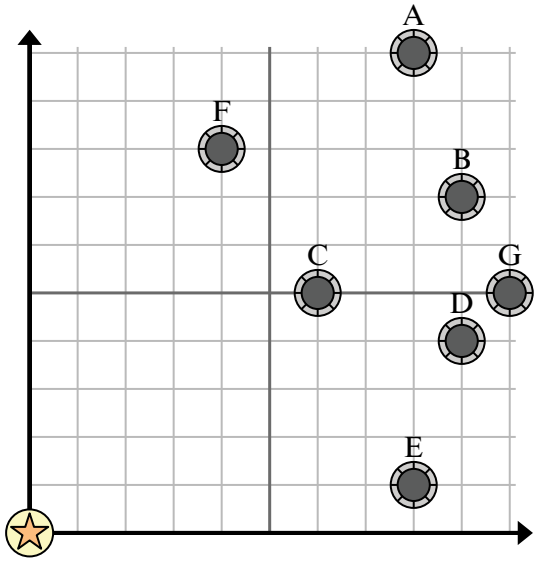
9) Which well is further east? Well A or well E?

10) A new law says you can't build a well within 2 miles a pre-existing well. If you wanted to build a well 4 miles east and 3 miles north of the water tower, would you be allowed to?

= Well

= Water Tower

= 1 Square Mile



Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

Convert each problem to word form.

1) 6.418 _____

2) 72.036 _____

3) 19.666 _____

4) 8.955 _____

5) 968.06 _____

6) 2.022 _____

7) 144.118 _____

8) 17.688 _____

9) 9.491 _____

10) 2.66 _____

11) 3.02 _____

12) 24.052 _____

13) 95.748 _____

14) 92.223 _____

15) 68.31 _____

16) 714.625 _____

17) 7.5 _____

18) 89.912 _____

19) 7.075 _____

20) 589.544 _____

Evaluate each expression.

1) $9+(9+5+7)-6$

2) $8+3+2+(4+8)$

3) $(9+6-8+80\div8)$

4) $(8-7)+90\div10+30\div6$

5) $2+36\div9+(6+2)$

6) $(6+12\div4\times5-2)$

7) $4+(7+18\div6)\times6$

8) $3+16\div2+(3+10)$

9) $(8+7)\times8+81\div9$

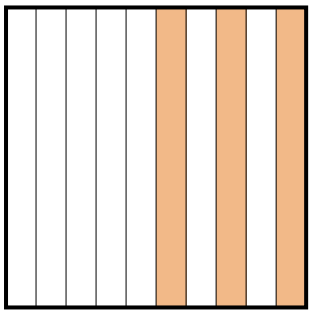
10) $6+(8-4+24\div6)$

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

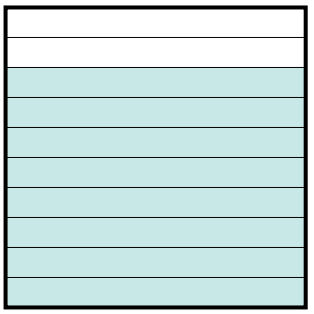
Determine which letter best represents the amount shaded of the whole.

1)



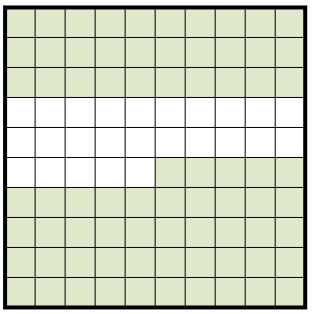
A. 0.3
B. 0.03
C. 300
D. 30

2)



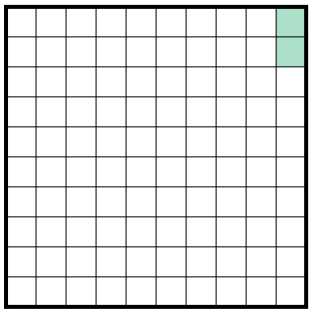
A. 0.8
B. 8
C. 800
D. 0.08

3)



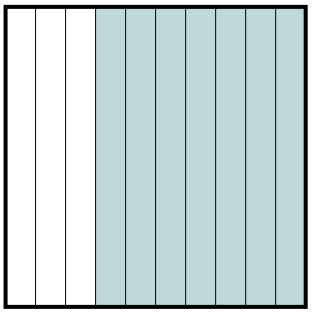
A. 0.075
B. 0.75
C. 750
D. 7.5

4)



A. 20
B. 0.02
C. 0.2
D. 2

5)

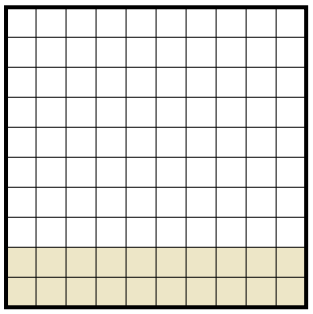


A. 700
B. 70
C. 0.7
D. 0.07

6)

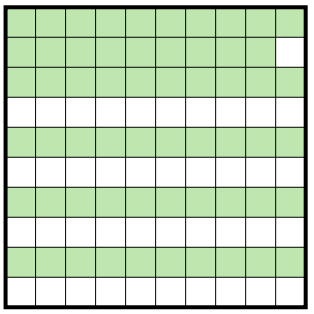
A. 0.1
B. 0.01
C. 1
D. 100

7)



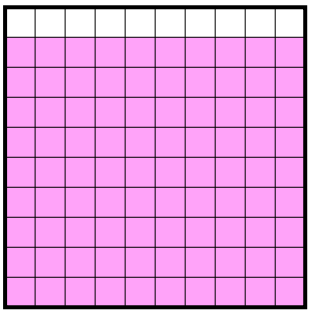
A. 2
B. 0.2
C. 0.02
D. 200

8)



A. 59
B. 590
C. 0.059
D. 0.59

9)



A. 900
B. 0.9
C. 9
D. 0.09

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____

Solve each problem.

5.47×10^4
This is the same as saying:
$5.47 \times (10 \times 10 \times 10 \times 10)$
And because the base is 10 you can just move the decimal 4 places to the right to solve.

5 4 7 0 0.

$5.47 \times 10^4 = 54{,}700$

$2.36 \div 10^2$
Division is the same way. Only instead of moving the decimal right, you move it left.

.0 2 3 6

You can also multiply a negative exponent, which means the same thing.
$2.36 \times 10^{-2} = 2.36 \div 10^2$

1) $296.141 \div 10^2$

2) 438.714×10^4

3) $821.5 \div 10^2$

4) 494.782×10^1

5) $2.591 \div 10^1$

6) 564.8×10^1

7) $2.725 \div 10^4$

8) 7.6×10^3

9) $1.69 \div 10^4$

10) 82.64×10^1

11) $67.4 \div 10^2$

12) 9.713×10^1

13) $34.78 \div 10^1$

14) 254.566×10^3

15) $5.412 \div 10^3$

16) 856.711×10^2

17) $125.74 \div 10^3$

18) 3.9×10^2

19) $25.4 \div 10^2$

20) 931.768×10^4

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____
20. _____

Week 6

- Monday
- Tuesday
- Wednesday
- Thursday
- Friday

Monday

1) A school bought 789 boxes of computer paper for the computer lab. Each box had 49 sheets of paper inside it. How much paper did they buy total?

2) A baker had thirty-two boxes for donuts. He ended up making five hundred thirty-six donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?

3) Answer as a mixed number (if possible).:
An industrial dishwasher takes 3 gallons of water to wash a full load of dishes. If you were to wash 2 full load and $\frac{2}{3}$ of a load, how much water would you use?

4) Mike drew a line that was $9\frac{4}{8}$ inches long. If he drew a second line that was $2\frac{3}{6}$ inches longer, what is the length of the second line? Answer as a mixed number.

5) A farmer had 21 acres he wanted to split amongst his 8 children. If each child gets the same amount of land, how much should each one get? Between what two whole numbers does your answer lie?

6) A bag of pistachios is 3.4 grams. If you have 0.33 of a bag, how many grams does it weigh?

7) Which number sentence is true?
A. $0.53 < 0.35$ B. $3.50 > 3.05$
C. $0.38 = 0.83$ D. $2.76 < 2.67$

8) A lawn had an area of 30 square feet. If it was 3 feet width, how long was it?

9) Over the summer Cody earned 612 dollars mowing lawns and another 357 dollars trimming weeds. To the nearest hundred, how much money did Cody make total?

10) Round to the nearest tenth:
9.459

Tuesday

1) Every hour a soup company produces 808 liters of soup. How much soup would the company have made after 60 hours?

2) A company had thirty-one employees and ordered eight hundred thirty-three uniforms for them. If they wanted to give each employee the same number of uniforms, how many more uniforms should they order so they don't have any extra?

3) Answer as a mixed number (if possible).:
A bag of strawberry candy takes $2\frac{7}{9}$ ounces of strawberries to make. If you have $3\frac{1}{2}$ bags, how many ounces of strawberries did it take to make them?

4) Victor spent $4\frac{2}{10}$ hours working on his math homework. If he spent another $3\frac{3}{6}$ hours on his reading homework, what is the total time he spent on homework? Answer as a mixed number.

5) A pet store had 7 cats. If they wanted to split 46 ounces of cat food amongst them, how much should each cat get? Between what two whole numbers does your answer lie?

6) On Halloween 2 friends each received 0.52 of a pound of candy. How much candy did they receive total?

7) Which number sentence is true?
A. $0.91 < 0.19$ B. $1.27 > 1.72$
C. $3 = 3.00$ D. $0.65 < 0.56$

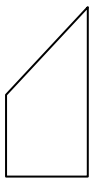
8) The surface of a swimming pool was 7 meters wide and 4 meters long. What is the perimeter of the surface?

9) At Haley's school there are 101 students in 3rd grade and 825 students in 4th grade. To the nearest ten, how many students were there in both grades?

10) Round to the nearest tenth:
82.043

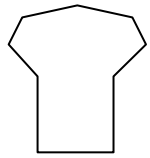
Determine which letter BEST represents the shapes that were used to create the figure shown.

1)



A. A Quadrilateral and an Octagon
B. A Pentagon and an Octagon
C. A Triangle and a Pentagon
D. A Square and a Triangle

2)

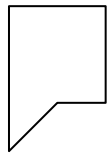


A. A Rectangle and a Quadrilateral
B. A Square and a Heptagon
C. A Quadrilateral and an Octagon
D. A Rectangle and a Pentagon

3)

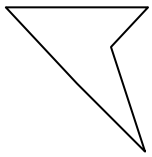
A. A Quadrilateral and an Octagon
B. A Rectangle and an Octagon
C. A Pentagon and a Hexagon
D. A Triangle and a Quadrilateral

4)



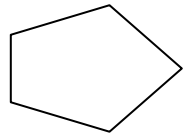
A. A Rectangle and a Hexagon
B. A Rectangle and an Octagon
C. A Rectangle and a Quadrilateral
D. A Triangle and a Rectangle

5)



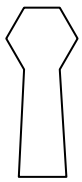
A. A Heptagon and an Octagon
B. A Rectangle and a Pentagon
C. A Triangle and an Octagon
D. A Triangle and a Triangle

6)



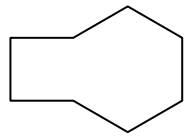
A. A Rectangle and a Hexagon
B. A Quadrilateral and a Triangle
C. A Triangle and a Hexagon
D. A Hexagon and an Octagon

7)



A. A Hexagon and a Quadrilateral
B. A Square and an Octagon
C. A Rectangle and an Octagon
D. A Rectangle and a Pentagon

8)



A. A Hexagon and a Quadrilateral
B. A Square and a Heptagon
C. A Quadrilateral and a Pentagon
D. A Pentagon and a Hexagon

Determine the number that will correctly balance each equation.

1) 14 + ___ = 9 + 8 + 21

2) 8 + 17 = 5 + 6 + ___

3) ___ + 48 + 46 = 90 + 12

4) 25 + 41 = 5 + 13 + ___

5) 55 + 19 = 23 + 23 + ___

6) 73 + 26 = ___ + 38 + 42

7) 28 + 11 + ___ = 64 + 17

8) 32 + 32 + ___ = 40 + 36

9) 40 + 30 + 32 = 73 + ___

10) ___ + 21 + 32 = 76 + 1

11) 35 + ___ + 49 = 55 + 55

12) 6 + 63 = 13 + 40 + ___

13) ___ + 24 = 17 + 11 + 22

14) 47 + ___ + 27 = 55 + 45

Friday

1) Henry was collecting cans for recycling. In 5 months he had collected 403 bags with 79 cans inside each bag. How many cans did he have total?

2) A vase can hold thirty-seven flowers. If a florist had nine hundred eighty-three flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?

3) Answer as a mixed number (if possible).:
A batch of donuts required $4\frac{2}{4}$ pints of glaze. If a donut store was making $\frac{3}{5}$ of a batch, how much glaze would they need?

4) A small box of nails was $10\frac{1}{2}$ inches tall. If the large box of nails was $2\frac{1}{10}$ inches taller, how tall is the large box of nails? Answer as a mixed number.

5) A candy maker had a piece of taffy that was 69 inches long. If he chopped it into 8 equal length pieces, how long would each piece be? Which two whole numbers does your answer lie between?

6) Edward had a bucket that was 0.76 full of apples. He ended up throwing out 0.4 of them though because they were bad. Out of the total amount Edward had how many of them were bad?

7) Which number sentence is true?
A. $1.78 = 1.87$ B. $5.98 < 5.89$
C. $8.0 = 8$ D. $4.69 = 4.96$

8) A movie poster was 2 inches wide with a total area of 16 in^2. How tall is the movie poster?

9) A zoologist was checking the weights of two gorillas. Gorilla A weighed 935 pounds and gorilla B weighed 293 pounds. To the nearest ten, what is the combined weight of both gorillas?

10) Round to the nearest hundredth:
637.464