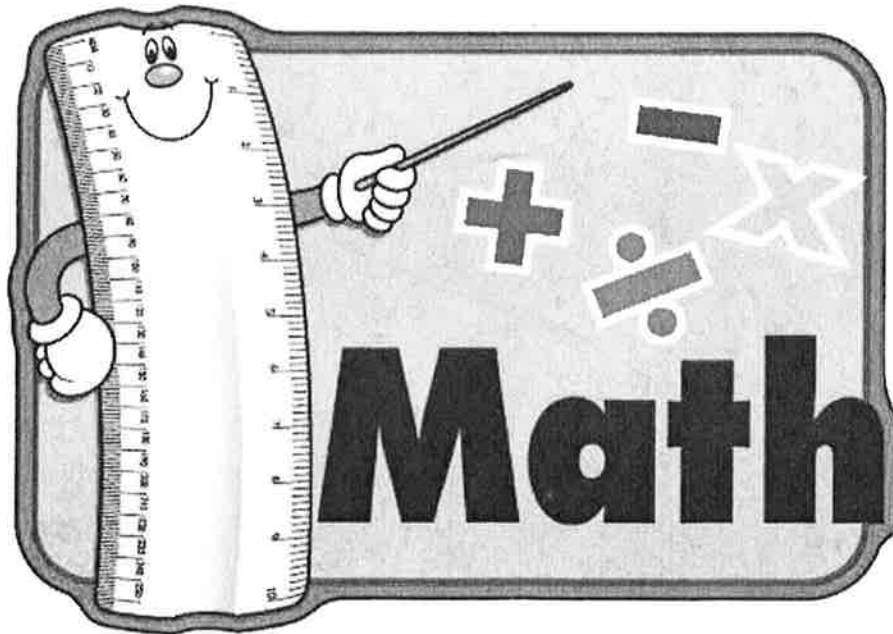


Summer

Math Packet



Name: _____

Paula has 6 boxes of peanuts. Each box holds 4 peanuts. How many peanuts does Paula have?

Eric has 3 boxes of pencils. Each box holds 9 pencils. How many pencils does Eric have?

Start Time	End Time	Elapsed Time
6:40 A.M.	10:28 A.M.	
	1:56 P.M.	2 Hours & 36 Minutes

\$82.51 \$91.84 \$46.32 \$69.16 \$24.79 \$32.66
- \$49.88 - \$78.72 - \$43.87 - \$28.73 +\$13.75 +\$86.75

92
- 76

67
- 29

60
- 11

37
- 19

Name: _____

Area of a Rectangle

To find the area of a rectangle, multiply the length by the width.

example:



area = 4 m x 8 m = **32 square meters**

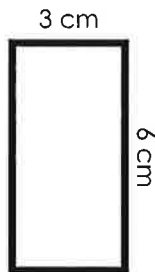
Find the area of each rectangle by multiplying

a.



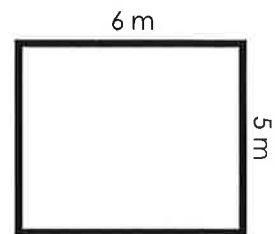
area = _____

b.



area = _____

c.



area = _____

d.



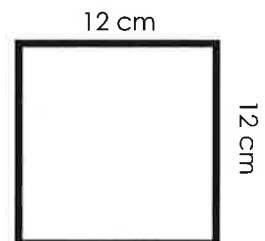
area = _____

e.



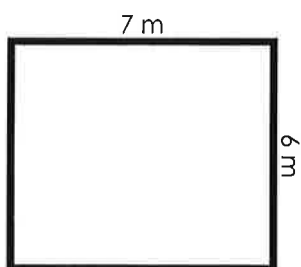
area = _____

f.



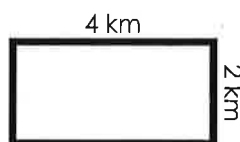
area = _____

g.



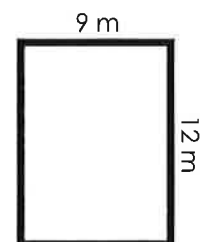
area = _____

h.

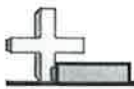


area = _____

i.



area = _____

Round each number as described. ** Challenge problems*Answers

- | | | | | |
|-------------------------------------|--------|-------|-----|-------|
| * 1) Round to the nearest ten. | 3,600 | _____ | 1. | _____ |
| 2) Round to the nearest ten. | 73 | _____ | 2. | _____ |
| * 3) Round to the nearest hundred. | 79,639 | _____ | 3. | _____ |
| 4) Round to the nearest ten. | 7,867 | _____ | 4. | _____ |
| * 5) Round to the nearest hundred. | 38,484 | _____ | 5. | _____ |
| * 6) Round to the nearest ten. | 8,569 | _____ | 6. | _____ |
| * 7) Round to the nearest hundred. | 91,927 | _____ | 7. | _____ |
| 8) Round to the nearest hundred. | 302 | _____ | 8. | _____ |
| * 9) Round to the nearest hundred. | 69,065 | _____ | 9. | _____ |
| 10) Round to the nearest ten. | 10 | _____ | 10. | _____ |
| 11) Round to the nearest ten. | 61 | _____ | 11. | _____ |
| * 12) Round to the nearest ten. | 2,535 | _____ | 12. | _____ |
| 13) Round to the nearest hundred. | 919 | _____ | 13. | _____ |
| 14) Round to the nearest ten. | 11 | _____ | 14. | _____ |
| * 15) Round to the nearest ten. | 4,969 | _____ | 15. | _____ |
| * 16) Round to the nearest hundred. | 35,946 | _____ | 16. | _____ |
| * 17) Round to the nearest hundred. | 43,214 | _____ | 17. | _____ |
| 18) Round to the nearest hundred. | 696 | _____ | 18. | _____ |
| 19) Round to the nearest ten. | 162 | _____ | 19. | _____ |
| * 20) Round to the nearest ten. | 5,460 | _____ | 20. | _____ |

Maureen started her homework at 7.20 p.m. She finished it at 8.05 p.m. How long did she take to do her homework?

min

A chess game started at 10.20 a.m. and ended at 12.30 p.m. How long did the game last?

h min

\$ 35.93	\$ 55.52	\$ 51.77	\$ 24.43	\$ 92.98	\$ 88.68
<u>+\$ 97.28</u>	<u>-\$ 35.74</u>	<u>-\$ 25.43</u>	<u>+\$ 62.39</u>	<u>+\$ 34.52</u>	<u>+\$ 20.19</u>

$$\begin{array}{r} 61 \\ - 19 \\ \hline \end{array}$$

$$\begin{array}{r} 50 \\ - 26 \\ \hline \end{array}$$

$$\begin{array}{r} 80 \\ - 56 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ - 19 \\ \hline \end{array}$$

Each child has 2 marbles. If there are 10 children, how many marbles are there in total?

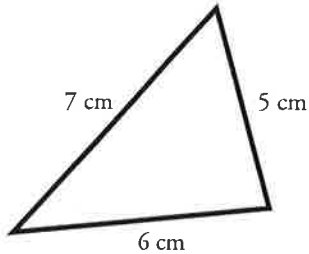
There are 9 bottle caps in each box. How many bottle caps are in 6 boxes?

Name: _____

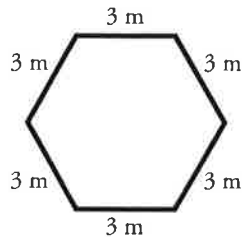
Perimeter of a Polygon

Find the perimeter of each shape by adding the lengths of each side.

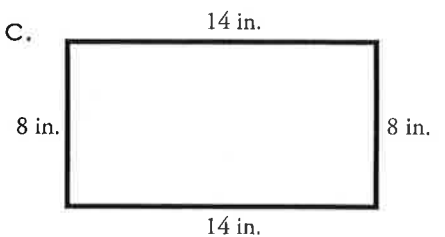
a.



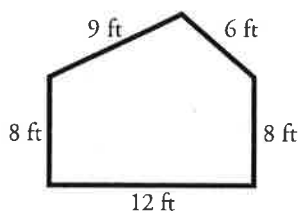
b.



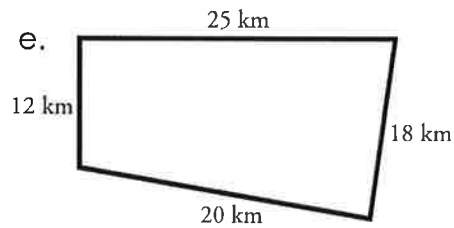
c.



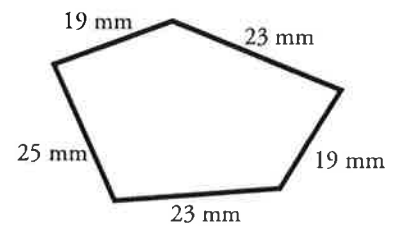
d.



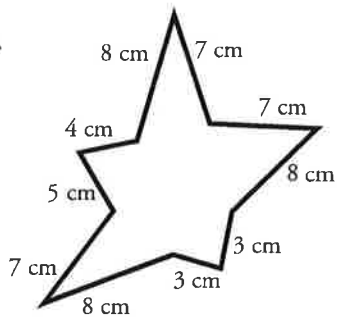
e.



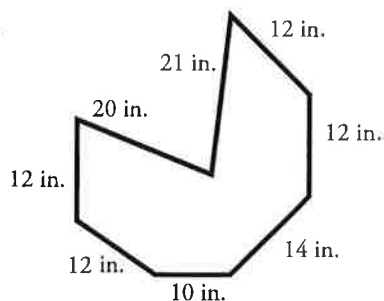
f.



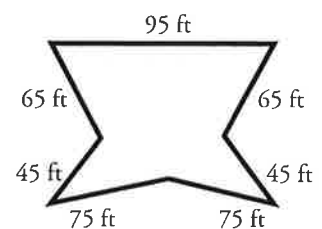
g.



h.



i.



Challenge: Draw a square with a perimeter of 180 yards.
Label the lengths of each side.



Name: _____

Annie has 86 marbles. Lisa gives Annie 8 more. How many marbles does Annie have in all?

Answer:

Justin is inviting 11 friends to a party. He has 88 cookies. How many cookies will each friend get?

Answer:

There are 99 tickets in each box. How many tickets are in 4 boxes?

Answer:

Matthew has 2 bottle caps. He finds another 77. How many bottle caps does Matthew have in all?

Answer:

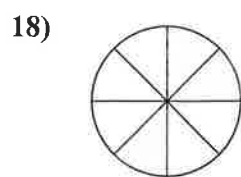
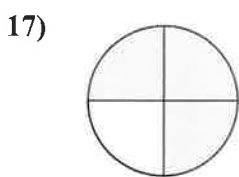
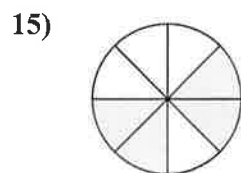
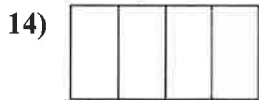
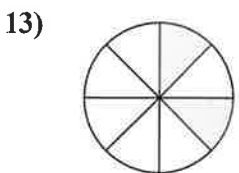
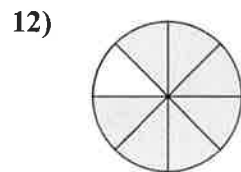
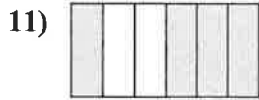
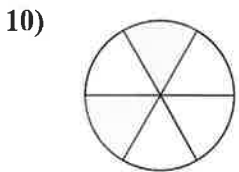
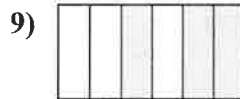
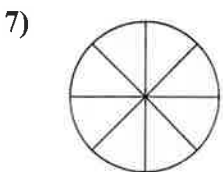
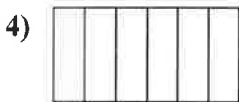
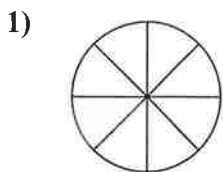
There are 89 peanuts in a box. Frances takes 7 peanuts. How many are left?

Answer:



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

Answers



1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

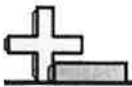
14. _____

15. _____

16. _____

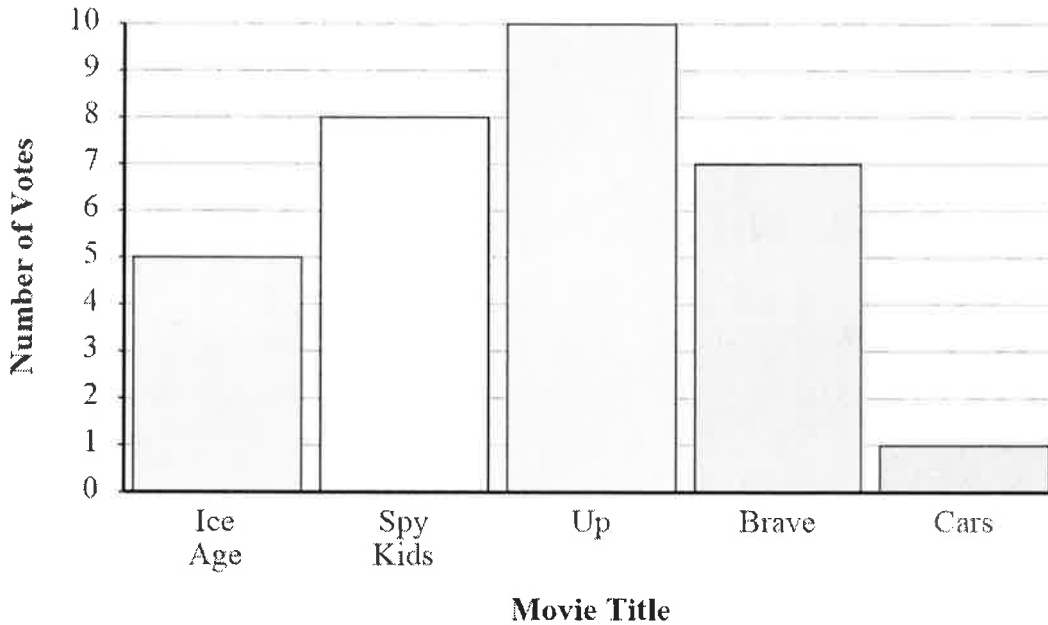
17. _____

18. _____



During indoor recess the students got to vote on which movie to watch. The voting results are listed below. Use the bar graph to answer the questions.

Answers



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

- 1) How many people voted for Ice Age?
- 2) Did more people vote for Ice Age or for Up?
- 3) Did fewer students vote for Cars or for Brave?
- 4) Which movie received exactly 10 votes?
- 5) What is the difference in the number of people who voted for Brave and the number who voted for Spy Kids?
- 6) What is the combined number of people who voted for Up and Brave?
- 7) Which movie received the most votes?
- 8) Which movie received the fewest votes?
- 9) How many more votes did Spy Kids receive than Brave?
- 10) How many fewer votes did Ice Age receive than Up?

Start Time	End Time	Elapsed Time
10:20 P.M.	12:36 A.M.	
11:20 A.M.	2:00 P.M.	

\$88.54	\$87.13	\$94.76	\$76.65	\$98.76	\$24.58
<u>+\$45.47</u>	<u>-\$80.49</u>	<u>-\$79.27</u>	<u>-\$19.12</u>	<u>+\$68.41</u>	<u>+\$98.64</u>

201	804	603	707	870
<u>- 136</u>	<u>- 483</u>	<u>- 557</u>	<u>- 304</u>	<u>- 142</u>

900	608	501	800	700
<u>- 735</u>	<u>- 304</u>	<u>- 277</u>	<u>- 508</u>	<u>- 150</u>



Division Facts: Missing Numbers (1-12)

Grade 3 Division Worksheet

Fill in the missing number.

1. $20 \div \underline{\quad} = 10$

2. $\underline{\quad} \div 2 = 1$

3. $\underline{\quad} \div 7 = 3$

4. $\underline{\quad} \div 2 = 2$

5. $12 \div \underline{\quad} = 2$

6. $12 \div 3 = \underline{\quad}$

7. $70 \div 7 = \underline{\quad}$

8. $8 \div 8 = \underline{\quad}$

9. $24 \div 8 = \underline{\quad}$

10. $63 \div 7 = \underline{\quad}$

11. $6 \div \underline{\quad} = 6$

12. $63 \div 9 = \underline{\quad}$

13. $\underline{\quad} \div 8 = 11$

14. $\underline{\quad} \div 6 = 1$

15. $\underline{\quad} \div 8 = 10$

16. $40 \div 4 = \underline{\quad}$

17. $44 \div 4 = \underline{\quad}$

18. $66 \div \underline{\quad} = 11$

19. $49 \div \underline{\quad} = 7$

20. $6 \div \underline{\quad} = 3$

21. $20 \div \underline{\quad} = 4$

22. $48 \div \underline{\quad} = 6$

23. $\underline{\quad} \div 2 = 9$

24. $\underline{\quad} \div 4 = 3$

25. $22 \div \underline{\quad} = 11$

26. $15 \div 5 = \underline{\quad}$

27. $\underline{\quad} \div 4 = 5$



Name: _____

There are 82 oranges in a box. Laura takes 7 oranges. How many are left?

Answer:

The school is planning a field trip. There are 3280 students and 80 seats on each school bus. How many buses are needed to take the trip?

Answer:

Virginia has 28 crayons. 27 are eaten by a hippopotamus. How many crayons will Virginia have?

Answer:

Each peanut costs \$38.00. How much do 5 peanuts cost?

Answer:

Stephanie has 8 blocks. Deborah has 60 blocks. If Deborah gives all of her blocks to Stephanie, how many blocks will Stephanie have?

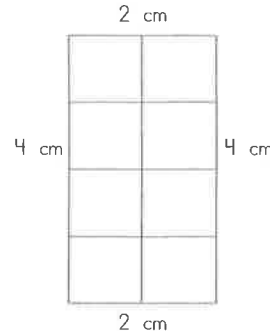
Answer:

Name: _____

Area & Perimeter

Perimeter is the distance around a shape.
To find the perimeter, add the length of each side.

Area is the number of square units that can fit inside of a shape.
To find the area, count the square units.

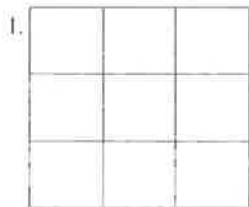


$$\text{Perimeter} = 12 \text{ cm}$$

$$\text{Area} = 8 \text{ cm}^2$$

Directions: First, label the length of sides of each polygon.
Then, add to find the perimeter.
After that, count the squares to find the area.

Be sure you write cm next to each answer for perimeter and cm² next to each answer for area.



$$P = \underline{\hspace{2cm}}$$

$$A = \underline{\hspace{2cm}}$$



$$P = \underline{\hspace{2cm}}$$

$$A = \underline{\hspace{2cm}}$$



$$P = \underline{\hspace{2cm}}$$

$$A = \underline{\hspace{2cm}}$$



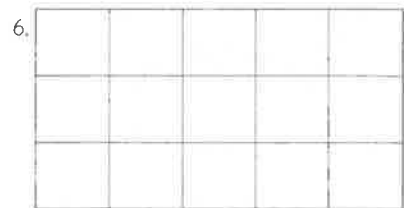
$$P = \underline{\hspace{2cm}}$$

$$A = \underline{\hspace{2cm}}$$



$$P = \underline{\hspace{2cm}}$$

$$A = \underline{\hspace{2cm}}$$



$$P = \underline{\hspace{2cm}}$$

$$A = \underline{\hspace{2cm}}$$



Division Facts: Dividing by 1 - 12

Grade 3 Division Worksheet

Find the quotient.

1. $63 \div 7 =$ _____ 2. $16 \div 8 =$ _____ 3. $4 \div 2 =$ _____

4. $54 \div 9 =$ _____ 5. $30 \div 5 =$ _____ 6. $80 \div 8 =$ _____

7. $10 \div 5 =$ _____ 8. $70 \div 7 =$ _____ 9. $11 \div 11 =$ _____

10. $42 \div 7 =$ _____ 11. $21 \div 3 =$ _____ 12. $40 \div 5 =$ _____

13. $49 \div 7 =$ _____ 14. $24 \div 8 =$ _____ 15. $5 \div 5 =$ _____

16. $90 \div 9 =$ _____ 17. $2 \div 2 =$ _____ 18. $66 \div 11 =$ _____

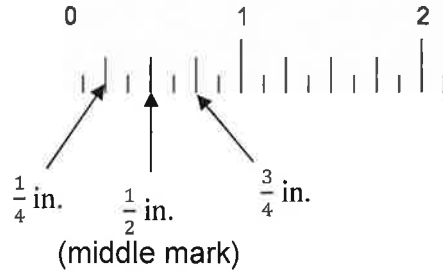
19. $90 \div 10 =$ _____ 20. $36 \div 9 =$ _____ 21. $42 \div 6 =$ _____

22. $81 \div 9 =$ _____ 23. $48 \div 8 =$ _____ 24. $16 \div 2 =$ _____

25. $20 \div 5 =$ _____ 26. $56 \div 8 =$ _____ 27. $60 \div 10 =$ _____

Measuring lengths to the nearest quarter inch

Grade 3 Measurement Worksheet



Use an inch ruler to measure the following lines.

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

Use an inch ruler to draw lines with the following lengths.

7. $5\frac{1}{2}$ inches

8. $\frac{3}{4}$ inches

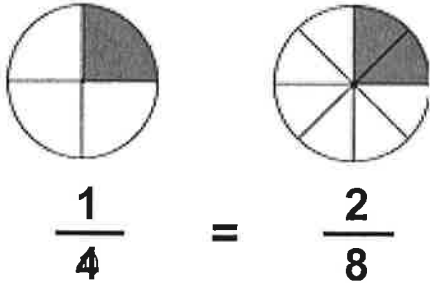
9. $1\frac{1}{4}$ inches

Identify equivalent fractions

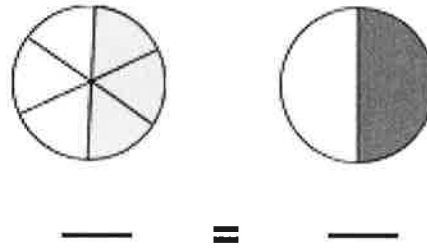
Grade 3 Fractions Worksheet

Write in the numerators and denominators of the equivalent fractions shown.

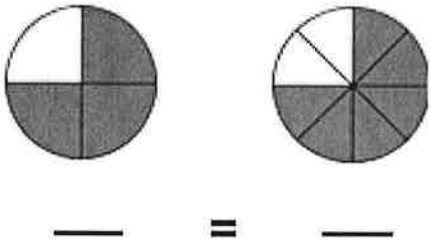
1)



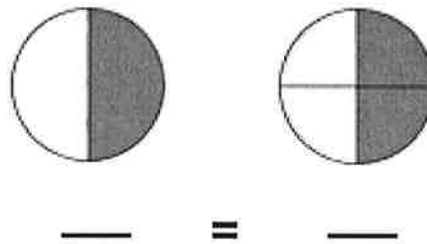
2)



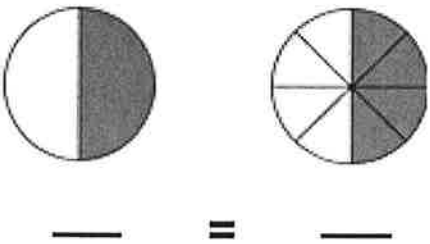
3)



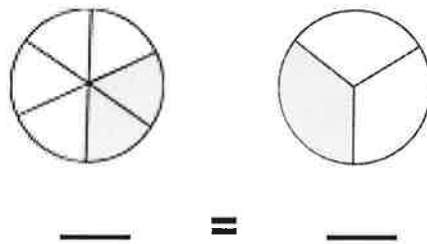
4)



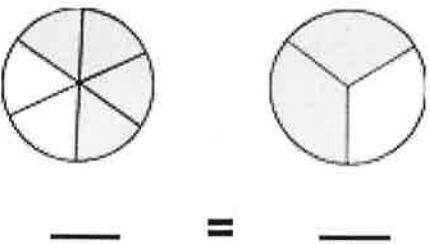
5)



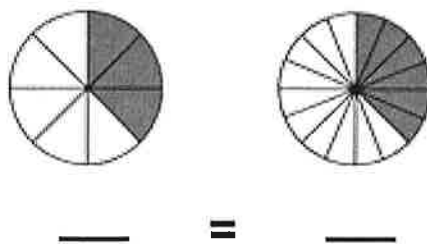
6)



7)



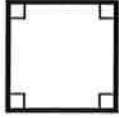
8)



Name: _____

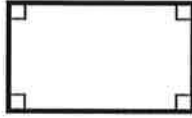
Quadrilaterals

Quadrilaterals are any polygon with four sides and four angles.



Square

All sides are the same length; there are four right angles



Rectangle

Opposite sides are parallel and the same length; there are four right angles



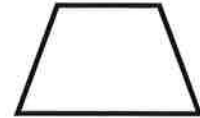
Parallelogram

Two pairs of opposite parallel sides



Rhombus

Two pairs of parallel sides; all sides are the same length

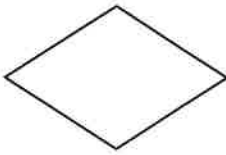


Trapezoid

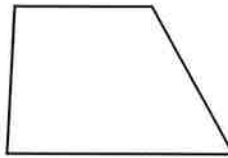
Only one pair of parallel sides

Write the name of each quadrilateral.

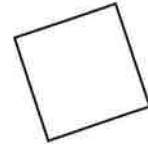
a.



b.



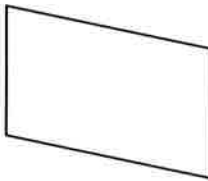
c.



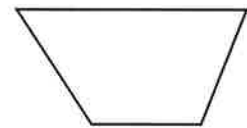
d.



e.



f.



g. How can you tell the difference between a parallelogram and a trapezoid?

h. How can you tell the difference between a square and a rhombus?

Name: _____

Date: _____

Multiplication Worksheets

3	1	5	10	6	1	1	2
<u>x9</u>	<u>x2</u>	<u>x3</u>	<u>x2</u>	<u>x8</u>	<u>x4</u>	<u>x8</u>	<u>x0</u>

4	7	6	5	6	4	9	5
<u>x5</u>	<u>x5</u>	<u>x9</u>	<u>x9</u>	<u>x3</u>	<u>x3</u>	<u>x4</u>	<u>x8</u>

4	3	1	10	6	6	2	8
<u>x1</u>	<u>x6</u>	<u>x6</u>	<u>x7</u>	<u>x2</u>	<u>x9</u>	<u>x5</u>	<u>x8</u>

6	3	9	0	9	0	7	1
<u>x8</u>	<u>x2</u>	<u>x10</u>	<u>x7</u>	<u>x2</u>	<u>x9</u>	<u>x9</u>	<u>x9</u>

5	6	10	7	6	2	3	3
<u>x9</u>	<u>x4</u>	<u>x6</u>	<u>x8</u>	<u>x3</u>	<u>x4</u>	<u>x6</u>	<u>x6</u>

3	9	6	2	3	8	3	4
<u>x1</u>	<u>x10</u>	<u>x9</u>	<u>x9</u>	<u>x1</u>	<u>x2</u>	<u>x3</u>	<u>x8</u>

3	9	5	8	2	9	7	5
<u>x8</u>	<u>x5</u>	<u>x9</u>	<u>x1</u>	<u>x7</u>	<u>x7</u>	<u>x5</u>	<u>x5</u>

3	1	10	5	1	3	5	9
<u>x2</u>	<u>x2</u>	<u>x6</u>	<u>x7</u>	<u>x6</u>	<u>x5</u>	<u>x3</u>	<u>x10</u>

3	8	2	4	4	9	5	7
<u>x8</u>	<u>x7</u>	<u>x7</u>	<u>x2</u>	<u>x3</u>	<u>x10</u>	<u>x8</u>	<u>x3</u>

6	7	1	6	5	8	3	9
<u>x6</u>	<u>x1</u>	<u>x3</u>	<u>x5</u>	<u>x0</u>	<u>x3</u>	<u>x1</u>	<u>x7</u>

Length word problems

Grade 3 Word Problems Worksheet

Read and answer each question.

1. A piece of wire is 24 inches long. If the wire is cut into 6 equal pieces, how long is each piece of wire?
2. Last year, Sean was 105 cm tall. He grew 12 cm in the past year. How tall is he now?
3. The crayon is 2 inches shorter than the pen. If the pen is 7 inches long, how long is the crayon?
4. Each truck is 45 feet long. What is the total length of 2 trucks?
5. Seven parking spots is 28 feet wide. What is the width of 3 parking spots?



