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Multiples and Square Numbers

1 Write the first five multiples of each number.

a. 5: _____, _____, _____, _____, _____

b. 7: _____, _____, _____, _____, _____

c. 11: _____, _____, _____, _____, _____

d. 9: _____, _____, _____, _____, _____

e. 15: _____, _____, _____, _____, _____

f. 20: _____, _____, _____, _____, _____

2 Multiply the following.

a. 14 by 2 _____

b. 35 by 2 _____

c. 43 by 2 _____

d. 18 by 4 _____

e. 22 by 4 _____

f. 56 by 4 _____

3 a. 6 squared = _____

b. 1 squared = _____

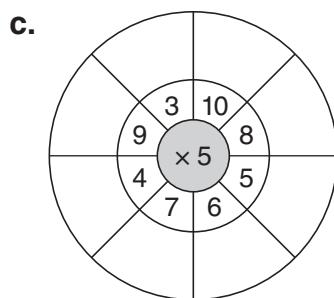
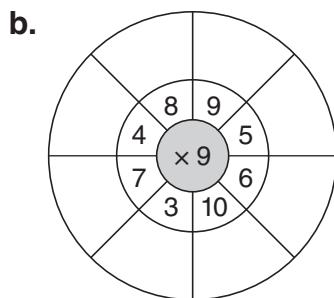
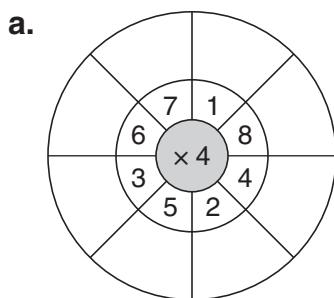
c. 3 squared = _____

d. 7 squared = _____

e. 12 squared = _____

f. 9 squared = _____

4 Find the products that belong in the outer circle.



5 Find the following. $3^2 + 4^2 + 5^2 =$ _____

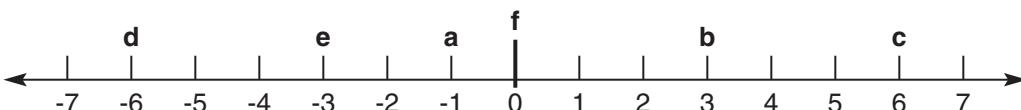
6 List the first eight multiples of 2 and 4. Circle those that they both have in common.

2: _____, _____, _____, _____, _____, _____, _____, _____

4: _____, _____, _____, _____, _____, _____, _____, _____

Negative Numbers

- 1 Record the value of each letter.



a. _____

b. _____

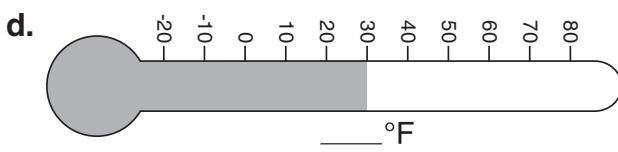
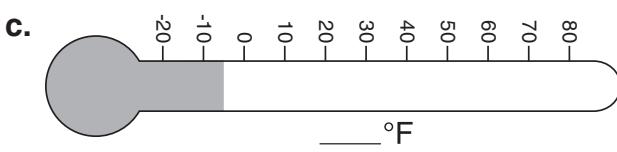
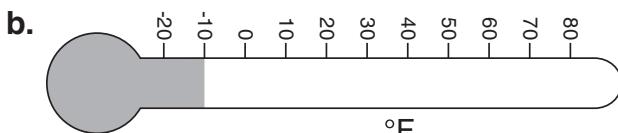
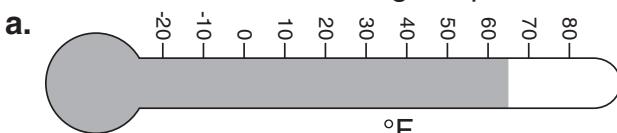
c. _____

d. _____

e. _____

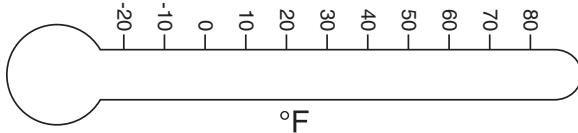
f. _____

- 2 Record each of the following temperatures.

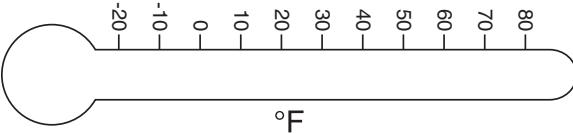


- 3 Shade each of the thermometers to show the given temperature.

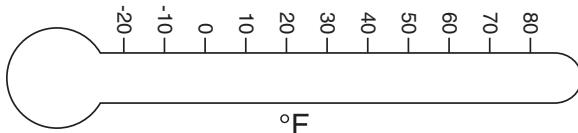
a. -15°F



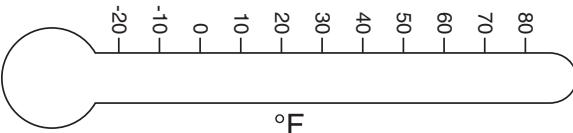
b. 70°F



c. -5°F



d. 45°F

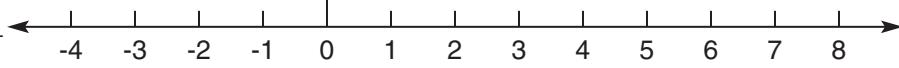


- 4 Show each number sentence on the number line.

a. $3 - 5 + 4 =$ _____



b. $4 + 2 - 6 - 1 =$ _____



c. $8 - 5 - 7 + 3 =$ _____

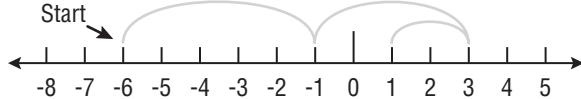


d. $6 - 9 + 4 =$ _____



- 5 In a game, Ben scored 4 points, lost 6 points, and scored 5 more points. What was Ben's final score? _____

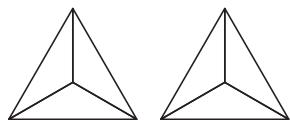
- 6 Write a number sentence to show what is happening on the number line.



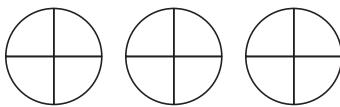
Fraction Subtraction

- 1** Use the diagrams to show the following subtraction problems.

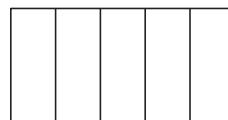
a. $2 - \frac{2}{3} =$ _____



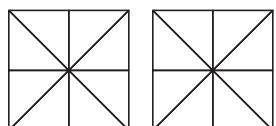
b. $3 - \frac{3}{4} =$ _____



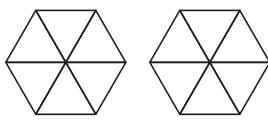
c. $1 - \frac{2}{5} =$ _____



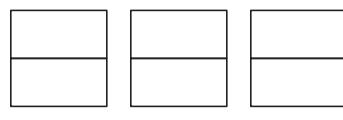
d. $2 - \frac{5}{8} =$ _____



e. $2 - \frac{5}{6} =$ _____



f. $3 - \frac{1}{2} =$ _____



- 2** Subtract the fractions.

a. $\frac{4}{6} - \frac{2}{6} =$ _____

b. $\frac{2}{3} - \frac{1}{3} =$ _____

c. $\frac{7}{10} - \frac{2}{10} =$ _____

d. $\frac{5}{12} - \frac{3}{12} =$ _____

e. $\frac{3}{4} - \frac{2}{4} =$ _____

f. $\frac{4}{5} - \frac{3}{5} =$ _____

- 3** Use the number line to subtract the following.



a. $1 - \frac{1}{4} =$ _____

b. $4 - \frac{1}{2} =$ _____

c. $2 - \frac{1}{4} =$ _____

d. $3 - \frac{3}{4} =$ _____

- 4** Find pairs of fractions in the box that could be subtracted to give the differences below.

$\frac{2}{12}$	$\frac{4}{10}$	$\frac{4}{12}$	$\frac{3}{5}$	$\frac{7}{12}$	$\frac{4}{5}$	$\frac{9}{10}$	$\frac{7}{10}$	$\frac{1}{5}$
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a. $\frac{5}{12} -$ _____

b. $\frac{5}{10} -$ _____

c. $\frac{1}{5} -$ _____

d. $\frac{2}{10} -$ _____

e. $\frac{2}{5} -$ _____

f. $\frac{3}{12} -$ _____

- 5** Last week, seven-eighths of the students checked out books from the school library. Today, two-eighths of those students forgot to bring back their library books. What fraction of the students remembered to bring back their library books? _____

- 6** Draw a diagram to show and answer the following.

$3 - 2\frac{1}{5} =$ _____

Use of Money

- 1 Find the total number of each coin or bill needed to make \$40.

a. \$2 bill _____

b. \$1 bill _____

c. \$5 bill _____

d. quarter _____

e. 50¢ piece _____

f. \$10 bill _____

- 2 Find how many drinks, costing \$2.50 each, Owen could buy with:

a. \$5 _____

b. \$15 _____

c. \$20 _____

d. \$50 _____

- 3 If Jill had \$20 and spent the following amounts, how much change would she receive?

a. \$8.35 _____

b. \$4.65 _____

c. \$12.90 _____

d. \$18.75 _____

- 4 Estimate how much change Greg would receive to the nearest \$1 if he started with \$100 and spent:

a. \$73.95 _____

b. \$51.85 _____

c. \$47.28 _____

d. \$19.99 _____

e. \$32.10 _____

f. \$60.43 _____

- 5



\$5.75



\$3.85



\$2.50



\$4.12



\$3.25



\$3.63

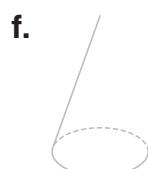
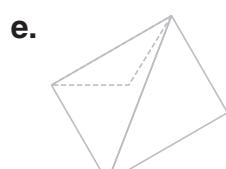
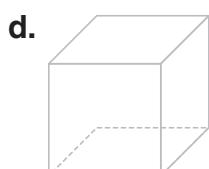
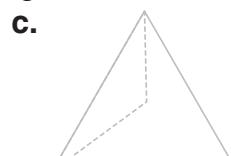
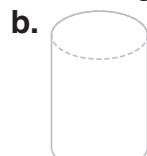
- a. Find the total cost of the items above. _____

- b. Find the change from \$50. _____

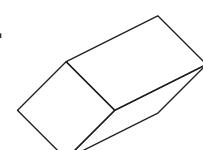
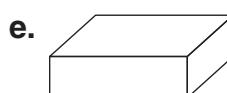
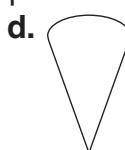
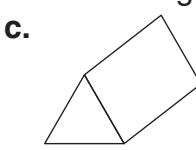
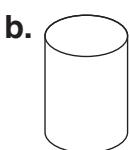
- 6 Eric bought a sandwich for lunch that cost \$3.72. If he paid with a \$20 bill, what would be the best way to make change using the fewest number of bills and coins?

Drawing 3D Objects

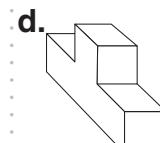
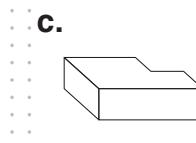
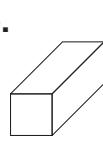
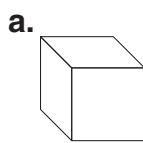
- 1 Complete by tracing each of the following objects and adding what is missing.



- 2 Draw dotted lines in each of the following to provide the hidden details.



- 3 Using the dot grids, copy each of the diagrams.



- 4 Draw each of the following 3D objects.

a. cube

b. rectangular prism

c. triangular prism

d. square pyramid

e. cylinder

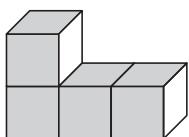
f. triangular pyramid

- 5 True or false?

a. The top, side, and front view of a cube all look the same. _____

b. The top, side, and front view of a triangular prism all look the same. _____

- 6 Draw a top, side, and front view of the following 3D object.



Top	Side	Front