

1. Select all of the following equations the number 50 will make true.

$2,000 \div \square = 40$

$350 \div \square = 70$

$1,000 \div \square = 200$

$4,500 \div \square = 90$

$500 \div \square = 5$

2. Find the product.

$$48 \times 28$$

(A) 1,500

(B) 1,344

(C) 800

(D) 76

3. Multiply.

$$3 \times 47$$

(A) 50

(B) 121

(C) 141

(D) 150

4. Which lists multiples of 8?

(A) 8, 16, 24, 46

(B) 8, 16, 24, 48

(C) 8, 15, 32, 50

(D) 8, 16, 40, 63

5. Gail ran  $4\frac{6}{10}$  miles on Saturday and  $6\frac{8}{10}$  miles on Sunday. How many miles did Gail run over the weekend?

(A) 11 miles

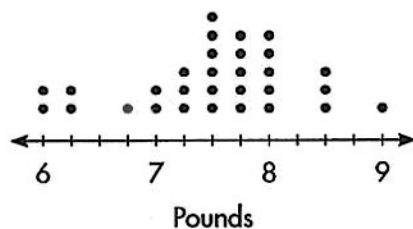
(B)  $10\frac{14}{10}$  miles

(C)  $11\frac{4}{10}$  miles

(D)  $14\frac{2}{10}$  miles

6. The weights of babies born at a hospital in November are shown in a line plot. How many more babies weighed  $8\frac{1}{2}$  pounds than  $6\frac{1}{4}$  pounds?

**Newborn Weights**



(A) 1 baby

(B) 2 babies

(C) 3 babies

(D) 4 babies

7. Round 43,628 to the thousands place.


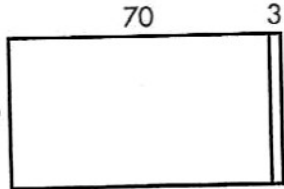
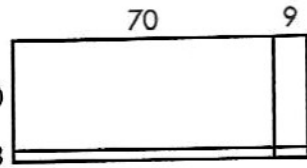
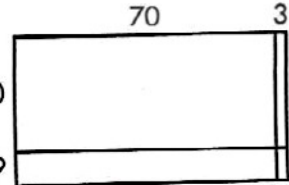
(A) 40,000

(B) 43,000

(C) 43,600

(D) 44,000

8. Which area model can you use to find  $39 \times 73$ ?

- (A) 
- (B) 
- (C) 
- (D) 

Select the quotient for each expression.

	150	15	13	130
$650 \div 50$	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
$7,500 \div 50$	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
$6,500 \div 50$	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
$750 \div 50$	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

10. Which comparison is correct?

- (A)  $\frac{2}{10} > \frac{3}{5}$
- (B)  $\frac{2}{4} > \frac{4}{8}$
- (C)  $\frac{2}{3} < \frac{10}{12}$
- (D)  $\frac{9}{12} < \frac{3}{6}$

11. Which decimal makes the comparison true?

$7.68 > \underline{\hspace{2cm}}$

- (A) 8.81
- (B) 8.68
- (C) 7.86
- (D) 7.56

12. Choose the correct quotient for each expression.

	900	9	90	150
$4,500 \div 30$	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
$4,500 \div 5$	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
$450 \div 50$	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
$450 \div 5$	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

13. Find the sum.

$8,852 + 4,113$

- (A) 11,956
- (B) 12,865
- (C) 12,965
- (D) 13,065

Name \_\_\_\_\_

14. Brandy made 7 batches of cookies. Each batch contained 12 cookies. She put the same number of cookies in each of 5 bags. How many cookies were not put in bags?
- (A) 16 cookies  
(B) 12 cookies  
(C) 4 cookies  
(D) 2 cookies
15. Ellen is making jewelry sets that contain a bracelet and a pair of earrings. Each bracelet uses 3 times as many beads as one earring. Ellen uses 13 beads for each earring. How many beads does Ellen need to make one jewelry set?
- (A) 13 beads  
(B) 39 beads  
(C) 52 beads  
(D) 65 beads
16. Inez and Joel work at a store that sells cell phones. Inez worked for 7 hours and 23 minutes. Joel worked for 4 hours and 51 minutes. How much longer did Inez work than Joel?
- (A) 2 hours 32 minutes  
(B) 12 hours 14 minutes  
(C) 3 hours 28 minutes  
(D) 3 hours 32 minutes
17. Which is the same length as 4 kilometers?
- (A) 4,000 meters  
(B) 4,000 centimeters  
(C) 4,000 millimeters  
(D) 40,000 millimeters
18. The following are rules for repeating patterns. For which rule will the 12<sup>th</sup> shape be a circle?
- (A) Triangle, Circle, Square  
(B) Circle, Square  
(C) Rectangle, Circle  
(D) Circle, Circle, Triangle
19. Subtract.
- $$50,032 - 17,956$$
- (A) 47,924  
(B) 42,976  
(C) 32,136  
(D) 32,076
20. Nick cut a circular cookie into 5 equal slices. What is the angle measure of each slice?
- (A)  $36^\circ$   
(B)  $72^\circ$   
(C)  $108^\circ$   
(D)  $144^\circ$

Name \_\_\_\_\_

27.

28. Hakim is making birdhouses. Each birdhouse uses  $\frac{7}{8}$  yard of wood. What is the total length of wood Hakim will need to build 5 birdhouses?

- (A)  $4\frac{3}{8}$  yards
- (B)  $5\frac{7}{8}$  yards
- (C)  $1\frac{4}{8}$  yards
- (D)  $9\frac{2}{8}$  yards

29. Liam bought pizza and wings for \$27.58. How much change should Liam receive if he gave the clerk three \$10-bills? Use coins and bills to help solve.

- (A) \$1.52
- (B) \$2.42
- (C) \$2.52
- (D) \$12.42

30.

$$\begin{array}{r} 23 \\ \times 9 \\ \hline \end{array}$$

31. Which are the partial products of  $3,706 \times 4$ ?

- (A) 1,200 280 10
- (B) 1,200 280 24
- (C) 12,000 2,800 24
- (D) 12,000 280 24

32. Find the product.

$$57 \times 34$$

- (A) 399
- (B) 1,238
- (C) 1,921
- (D) 1,938



Name \_\_\_\_\_

33. Which lists all the factors of 78?

- (A) 1, 2, 3, 6, 13, 26, 39, 78
- (B) 1, 2, 4, 19, 39, 78
- (C) 1, 2, 6, 13, 39, 78
- (D) 2, 3, 6, 13, 26, 39

34. Classify the triangle by its sides and by its angles.



- (A) Isosceles, Obtuse
- (B) Scalene, Obtuse
- (C) Isosceles, Acute
- (D) Scalene, Acute

35. A tree was 17 feet tall when it was planted. It grew 8 times that height in 15 years. How much taller is the tree than when it was planted?

- (A) 119 feet
- (B) 136 feet
- (C) 247 feet
- (D) 255 feet

36. Steve rounds his favorite number to the nearest hundred to get 400. Which of these could NOT be Steve's favorite number?

- (A) 396
- (B) 460
- (C) 448
- (D) 375