Benchmark Test 3 (Chapters 8–10)

Read each question. Fill in the correct answer.

- 1. Bae jumps rope 3 times each week. Which expression shows the total number of times Bae jumps rope? The variable *w* stands for the unknown.
 - (A) 3 + w

- **D** *w* 3
- Lauren cleans horse stables for 2 hours each weekend. How many hours did Lauren clean stables after 7 weekends?
 - **(F)** 5 hours
 - **G** 9 hours
 - 14 hours
 - 16 hours (I)

3. Angie cut a clay block into 4 equal parts. She used 3 parts to make a clay rabbit. What fraction of the clay block did Angie use?

Date _



4. Which number makes the number sentence true?



- **(C)** 14 pans
- **D** 28 pans

Name

Benchmark Test 3 (continued)

6. Dore earned \$16 feeding cats last month. He walked dogs 6 days for \$8 each day. How much did Dore earn last month feeding cats and walking dogs?

Use the equation to solve the problem. The letter *x* stands for the unknown.

$$16 + (8 \times 6) = x$$

- \$64\$54
- **H** \$48
- () \$30
- 7. Chandra unwrapped 9 boxes of water glasses. Each box holds6 glasses. How many water glasses are there altogether?
 - (A) 15 water glasses
 - **B** 36 water glasses
 - C 45 water glasses
 - 54 water glasses

8. Which fraction is equivalent to $\frac{3}{4}$?

Date



9. Which fraction describes the figure?



- **a** $\frac{8}{8} = 1$ **b** $\frac{8}{8} = 8$
- **10.** Which shows how to use the Distributive Property to find the product of 8×7 ?

■
$$8 \times 7 = (8 \times 5) + (8 \times 2)$$

G $8 \times 7 = (8 \times 5) \times (8 \times 2)$
H $8 \times 7 = (8 + 5) \times (8 + 2)$
O $8 \times 7 = (8 + 5) + (8 + 2)$
GO ON ■

Date



Benchmark Test 3 (continued)

- 16. An ant has 6 legs. How many legs do 8 ants have?
 - **(F)** 14 legs **G** 32 legs
 - (H) 40 legs
 - 48 legs
- **17.** There are some goats and 5 pigs in a petting zoo. There are 15 animals in all. Which equation can Tina use to find the number of goats if the letter *q* stands for the unknown?

$$g + 5 = 15$$

$$g \times 5 = 15$$

$$g \div 5 = 15$$

$$g \div 5 = 15$$

$$g - 5 = 15$$

18. Matthew is comparing fractions. Which comparison is true?

(F)
$$\frac{2}{6} = \frac{3}{6}$$

(G) $\frac{2}{6} > \frac{3}{6}$
(H) $\frac{2}{6} > \frac{2}{4}$
(H) $\frac{2}{6} < \frac{2}{4}$
(E) $\frac{2}{6} < \frac{2}{3}$

19. Which equation describes the set of wholes?



(A)
$$\frac{1}{3} = 1$$

(D) $\frac{3}{3} = 3$
(C) $\frac{3}{3} = 3$

Date _

- 20. Mrs. Jenks places 72 cookies equally on 9 plates. How many cookies are on each plate?
 - 8 cookies
 - **G** 9 cookies
 - (H) 64 cookies
 - (I) 80 cookies

