

Name \_\_\_\_\_

**1** Decide if each equation is true or false.

(Hint: Solve each question below or on a separate sheet of paper and check if the answers agree.)

	True	False
$1,289 \div 22$ is 58 r13.		
$189 \div 17$ is 11 r2.		
$1,427 \div 13$ is 190 r1.		

**2** What is  $2,356 \div 27$ ?

(Hint: Divide and turn remainder into a fraction)

- Ⓐ  $86\frac{14}{27}$   
Ⓑ  $87\frac{7}{27}$   
Ⓒ  $87\frac{13}{27}$   
Ⓓ  $88\frac{25}{27}$

- 3** Quincy has 322 yards of ribbon to decorate quilts for a craft fair. The ribbon comes in rolls of 15 yards. **How many full rolls** of ribbon does Quincy have?

(Hint: Do you need the remainder?)

\_\_\_\_\_ full rolls

Name \_\_\_\_\_

- 4** Stephen has a dog that weighs 5 times as much as Ian's dog. The total weight of both dogs is 72 pounds. How much does Stephen's dog weigh?

(Hint: Use a block model. See question 7 to see a block model at work)

Stephen's dog is \_\_\_\_\_ pounds

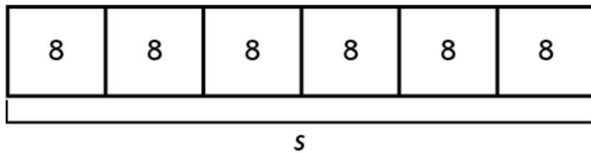
- 5** Natalie places 15 action figures on 5 shelves with the same number on each shelf. And she places 2 animal figures on each shelf. Which equation can be used to find the number of figures,  $f$ , on each shelf?

(Hint: Draw a picture to help you "see" the shelves.)

- Ⓐ  $f \div 5 + 2 = 15$
- Ⓑ  $f \times 5 + 2 = 15$
- Ⓒ  $15 \times 5 + 2 = f$
- Ⓓ  $15 \div 5 + 2 = f$

Name \_\_\_\_\_

- 6** There are 6 steps leading up to a museum. Each step is 8 inches high.

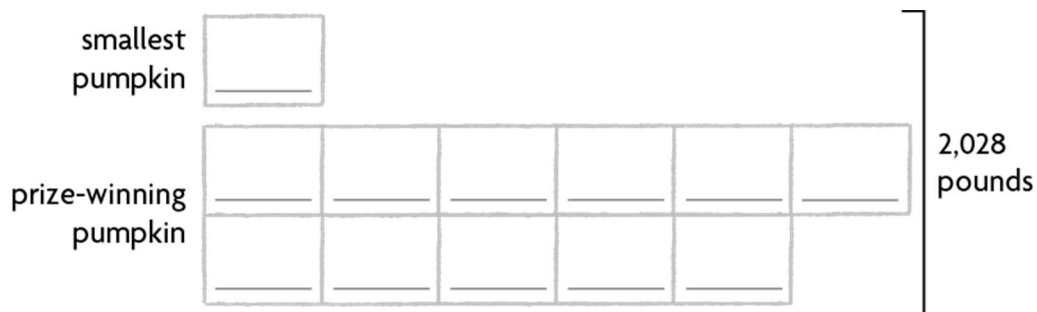


Which equation can be used to find the total height,  $s$ , of the steps?

- (A)  $6 + 8 = s$       (C)  $8 - s = 6$   
 (B)  $8 \div s = 6$       (D)  $6 \times 8 = s$

- 7** At the county fair's giant pumpkin contest, the weight of the prize-winning pumpkin was 11 times the weight of the smallest pumpkin. The combined weight of both pumpkins was 2,028 pounds.

(Hint: Remember to think how many parts the 2 pumpkins make up together.)



How much did the smallest pumpkin weigh?

- (A) 169 pounds  
 (B) 1,690 pounds  
 (C) 1,859 pounds  
 (D) 22,308 pounds

Name \_\_\_\_\_

- 8** A shampoo company made 6,800 ounces of shampoo in one week. The next week they made 7,250 ounces. The shampoo is put into 28-ounce bottles. How many bottles are needed **for all** the shampoo made during the two weeks?

(Hint: ALL the shampoo needs to get into a bottle.)

- 9** What is  $20,398 \div 31$ ?

(Solve it)