Measurement and data Worksheet

Elementary Math

Name _____ Date _____

Warm-up

1. A square has sides of 6 in. What's its perimeter, in inches?

2. How many inches are in 4 feet?

3. In a bar graph, apples has height 19 and pears has height 3. How many in all?

4. A rectangle is 11 m long and 8 m wide. What's its perimeter, in m?

5. How many feet are in 72 inches?

Practice

6. A rectangle's perimeter is 46 cm, and its length is 14 cm. What's its width, in cm?

7. Which is longer?
   (A) They're all equal (B) 5 feet (C) 5 inches (D) 5 yards

8. Bars show 5 cats and 6 dogs. How many more dogs than cats?

9. Which unit fits the area of a floor?
   (A) Square feet (B) Pounds (C) Gallons (D) Feet

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10. How many centimeters are in 4 meters?

11. Bars show red 3, blue 13, green 8. Which is the most popular?
    (A) Red (B) Green (C) They're tied (D) Blue

12. A rectangle's area is 50 square ft, and its width is 5 ft. How long is it, in ft?

13. How many ounces are in 7 pounds?

Challenge

14. A room is 72 ft by 5 ft. Tiles cover 1 square foot and come in boxes of 8. How many boxes do you need if the room needs exactly whole boxes?

15. A movie runs 2 hours and 48 minutes. How many minutes is that?

16. Sales were 1, 3 and 5 over 3 days. What's the average per day?

17. An L-shape is a 12 by 8 rectangle with a 4 by 4 corner removed. What's its area?

18. A rope is 7 ft 6 in long. How many inches is that?

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Measurement and data Worksheet: Answer Key

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1. 24

   Four equal sides: 4×6.

2. 48

   Each foot is 12 inches.

3. 22

   In all means add.

4. 38

   Go all the way around: $11 + 8 + 11 + 8$.

5. 6

   Divide by 12.

6. 9

   Half the perimeter is length plus width.

7. (D) 5 yards

   A yard is the longest of these units.

8. 1

   How many more means subtract.

9. (A) Square feet

   Area counts squares.

10. 400

    Each meter is 100 cm.

11. (D) Blue

    Blue has the tallest bar.

12. 10

    Length times 5 is 50, so divide.

13. 112

    Each pound is 16 ounces.

14. 45

    Area is 72×5, then divide by 8.

15. 168

    $2 \times 60 + 48$.

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16. 3

    Add them and divide by 3.

17. 80

    Take the small square from the big rectangle.

18. 90

    $7 \times 12 + 6$.

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