

Unit 5 Test
Form B

Name _____

Date _____

Fill in the circle for the correct answer.

Show your work.

1. Marcus rode his mountain bike on a 3-kilometer dirt trail. He completed the trail 2 times. How many meters did Marcus ride his bike?

- A 60 meters
- B 600 meters
- C 6,000 meters
- D 60,000 meters

2. Which describes the relationship between an hour and a second of time?

- F 1 hour is 60 times as long as 1 second.
- G 1 hour is 120 times as long as 1 second.
- H 1 hour is 1,200 times as long as 1 second.
- J 1 hour is 3,600 times as long as 1 second.

3. Which table shows kilometers correctly converted to meters?

A

Kilometers	Meters
2	20
3	30
4	40

B

Kilometers	Meters
2	2,000
3	3,000
4	4,000

C

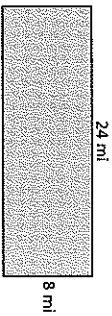
Kilometers	Meters
2	200
3	300
4	400

D

Kilometers	Meters
2	20,000
3	30,000
4	40,000

4. What is the area of the rectangle?

- M 192 sq mi
- N 162 sq mi
- O 64 sq mi
- P 32 sq mi

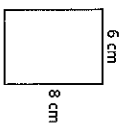


Name _____

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5. What is the perimeter of the rectangle?

- A 48 cm
- B 28 cm
- C 22 cm
- D 14 cm



Convert.

- 6. 66 ft
 - F 69 yd
 - G 63 yd
 - H 33 yd
 - J 22 yd

7. 52 m

- A 520 cm
- B 5,200 cm
- C 52,000 cm
- D 520,000 cm

8. 80 dL

- M 800 mL
- N 8,000 mL
- O 80,000 mL
- P 800,000 mL

9. 8 kg

- A 80,000 g
- B 8,000 g
- C 800 g
- D 80 g

10. 15 yd

- F 3 ft
- G 5 ft
- H 45 ft
- J 60 ft

11. 4 lb

- M 64 oz
- N 48 oz
- O 32 oz
- P 16 oz

12. 6 gal

- F 12 qt
- G 18 qt
- H 24 qt
- J 48 qt

Name _____

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13. 48 months

- A 7 years
 B 6 years

- C 5 years
 D 4 years

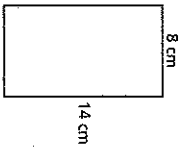
14. 7 hours

- E 42 minutes
 F 420 minutes

- G 422 minutes
 H 4,200 minutes

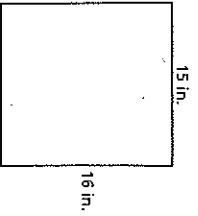
Find the perimeter and area of the rectangle.

15.



- A Perimeter = 22 cm; Area = 112 sq cm
 B Perimeter = 44 cm; Area = 112 sq cm
 C Perimeter = 44 cm; Area = 44 sq cm
 D Perimeter = 112 cm; Area = 44 sq cm

16.



- A Perimeter = 62 in.; Area = 240 sq in.
 B Perimeter = 62 in.; Area = 62 sq in.
 C Perimeter = 31 in.; Area = 240 sq in.
 D Perimeter = 31 in.; Area = 62 sq in.

Name _____

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Solve.

Show your work.

17. A crate of watermelons weighs 12 pounds. After Nick adds two extra watermelons, the crate weighs 18 pounds. How much do the two extra watermelons weigh in all?

- A 6 pounds
 B 9 pounds

- C 20 pounds
 D 30 pounds

18. A rectangular rug has an area of 88 square feet. The short sides of the rug are each 8 feet long. What is the length of one of the long sides?

- F 36 feet
 G 22 feet

- H 18 feet
 J 11 feet

19. A rectangle on a mobile measures 9 centimeters long on the long sides. It measures 3 centimeters long on the short sides. What is the perimeter of the rectangle?

- A 12 centimeters
 B 24 centimeters

- C 27 centimeters
 D 48 centimeters

20. Regina ships 15 boxes of games. Each box has a mass of 6 kilograms. What is the total mass of the boxes in grams?

- F 900,000 grams
 G 90,000 grams

- H 9,000 grams
 J 900 grams