## 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
- **6**,000 meters
- (B) 600 meters
- **©** 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.
  - **©** 1 hour is 120 times as long as 1 second.
  - (H) 1 hour is 1,200 times as long as 1 second.
  - 1 hour is 3,600 times as long as 1 second.
- **3.** Which table shows kilometers correctly converted to meters?

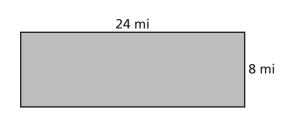
A	Kilometers	Meters
	2	20
	3	30
	4	40

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

B	Kilometers	Meters
	2	200
	3	300
	4	400

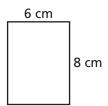
<b>(D)</b>	Kilometers	Meters
	2	20,000
	3	30,000
	4	40,000

- 4. What is the area of the rectangle?
  - **192** sq mi
  - **©** 162 sq mi
  - (H) 64 sq mi
  - 32 sq mi



- 5. What is the perimeter of the rectangle?
  - **A** 48 cm
  - B 28 cm

- © 22 cm
- ① 14 cm



## Convert.

- **6.** 66 ft
  - **(F)** 69 yd
  - **©** 63 yd
- **7.** 52 m
  - (A) 520 cm
  - **B** 5,200 cm
- **8**. 80 cL
  - 800 mL
  - @ 8,000 mL
- **9.** 8 kg
  - **A** 80,000 g
  - **B** 8,000 g
- **10.** 15 yd
  - (F) 3 ft
  - © 5 ft
- **11.** 4 lb
  - **A** 64 oz
  - (B) 48 oz
- **12.** 6 gal
  - **(F)** 12 qt
  - **©** 18 qt

- (H) 33 yd
- **®** 22 yd
- © 52,000 cm
- **D** 520,000 cm
- (H) 80,000 mL
- **®** 800,000 mL
- © 800 g
- (D) 80 g
- **H** 45 ft
- (K) 60 ft
- © 32 oz
- (D) 16 oz
- **1** 24 qt
- **(K)** 48 qt

- 13. 48 months
  - A 7 years
  - B 6 years

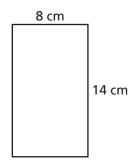
- © 5 years
- 4 years

- **14.** 7 hours
  - (F) 42 minutes
  - **G** 420 minutes

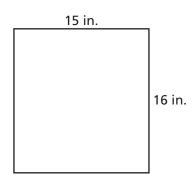
- H 422 minutes
- **®** 4,200 minutes

Find the perimeter and area of the rectangle.

**15.** 



- $oldsymbol{\Theta}$  Perimeter = 22 cm; Area = 112 sq cm
- B Perimeter = 44 cm; Area = 112 sq cm
- © Perimeter = 44 cm; Area = 44 sq cm
- D Perimeter = 112 cm; Area = 44 sq cm
- 16.



- Perimeter = 62 in.; Area = 240 sq in.
- © Perimeter = 62 in.; Area = 62 sq in.
- (H) Perimeter = 31 in.; Area = 240 sq in.
- ® Perimeter = 31 in.; Area = 62 sq in.

Name Date

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

© 20 pounds

**B** 9 pounds

<sup>®</sup> 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?

⑤ 36 feet

H 18 feet

© 22 feet

**®** 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

© 27 centimeters

B 24 centimeters

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

(H) 9,000 grams

**6** 90,000 grams

**(K)** 900 grams