

5.NBT.B.7 Practice Dividing Decimals by Whole Numbers

5.NBT.B.7: Add, subtract, multiply, and divide decimals to hundredths.

1. Divide

- a. $18.6 \div 3$
- b. $140.75 \div 5$
- c. $176.40 \div 12$
- d. $250.29 \div 9$
- e. $188.43 \div 11$

Answers:

- a.
- b.
- c.
- d.
- e.

- f. $342.30 \div 7$
- g. $644.40 \div 6$
- h. $0.56 \div 8$
- i. $72.63 \div 9$
- j. $200.56 \div 4$

Answers:

- f.
- g.
- h.
- i.
- j.

2. Hyacinth had 16.32 pounds of kinetic sand. She had to divide the sand into 8 containers. If the sand is divided equally into the containers, how many pounds of sand will be in each container?

Answer:

3. Fred bought 3 packs of ground beef, each weighing 2 kilograms. He paid \$28.56 to the cashier. How much did a kilogram of ground beef cost?

Answer:

4. Grandfather's truck had 14.7 gallons of gas. He went to the city to buy some feeds. The city is 248 miles away. Before going home, he found that the truck still had 2.3 gallons of gas. How many miles did his truck run for each gallon of gas?

Answer:

5. Kelly has read 324 pages of a book in 4.5 hours. How many pages of book did she read in one hour?

Answer:

6. In an online assessment task, Larry answered 85 problems in an hour and 42 minutes. How many minutes did he take to solve each of the problem?

Answer:

7. In a feeding program, 25.2 pounds of food was shared by 120 children. About how many pounds of food did one child eat?

Answer:

8. If \$54.34 is to be shared equally by 26 kids, how much money will each kid get?

Answer:

- A. \$1.09 B. \$2.06 C. \$2.09 D. \$20.6

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5.NBT.B.7: Add, subtract, multiply, and divide decimals to hundredths

Answer Key

1. Divide

- a. $18.6 \div 3$
- b. $140.75 \div 5$
- c. $176.40 \div 12$
- d. $250.29 \div 9$
- e. $188.43 \div 11$

Answers:

- a. **6.2**
- b. **28.15**
- c. **14.7**
- d. **27.81**
- e. **17.13**

- f. $342.30 \div 7$
- g. $644.40 \div 6$
- h. $0.56 \div 8$
- i. $72.63 \div 9$
- j. $200.56 \div 4$

Answers:

- f. **48.9**
- g. **107.4**
- h. **0.07**
- i. **8.07**
- j. **50.14**

2. Hyacinth had 16.32 pounds of kinetic sand. She had to divide the sand into 8 containers. If the sand is divided equally into the containers, how many pounds of sand will be in each container?

Answer:

2.04 pounds

3. Fred bought 3 packs of ground beef, each weighing 2 kilograms. He paid \$28.56 to the cashier. How much did a kilogram of ground beef cost?

Answer:

\$4.76

4. Grandfather's truck had 14.7 gallons of gas. He went to the city to buy some feeds. The city is 248 miles away. Before going home, he found that the truck still had 2.3 gallons of gas. How many miles did his truck run for each gallon of gas?

Answer:

20 miles

5. Kelly has read 324 pages of a book in 4.5 hours. How many pages of book did she read in one hour?

Answer:

72 pages

6. In an online assessment task, Larry answered 85 problems in an hour and 42 minutes. How many minutes did he take to solve each of the problem?

Answer:

1.2 minutes

7. In a feeding program, 25.2 pounds of food was shared by 120 children. About how many pounds of food did one child eat?

Answer:

0.21 pounds

8. If \$54.34 is to be shared equally by 26 kids, how much money will each kid get?

A. \$1.09

B. \$2.06

C. \$2.09

D. \$20.6

Answer:

C. \$2.09