

# 5.NBT.B.7 Estimate Quotients by Dividing Whole Numbers

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

1. Estimate the quotient.

- a.  $321.45 \div 8$
- b.  $17.9 \div 6$
- c.  $53.8 \div 8.6$
- d.  $301.89 \div 58.99$
- e.  $120.05 \div 3.12$

Answers:

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

- f.  $267.38 \div 88.45$
- g.  $7.26 \div 0.51$
- h.  $42.35 \div 6.8$
- i.  $21.05 \div 0.41$
- j.  $8,103.81 \div 89.01$

Answers:

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

2. Jake bought 7 cans of red paint and paid \$13.23. He also bought 5 cans of white paint and paid \$10.75. About how much did he pay for each can of paint?

Answer:

3. Joseph bought 64 pounds of pebbles for his giant aquarium. He paid a total of \$184.60 for the pebbles. Estimate how much he paid for each pound of the pebbles.

Answer:

4. Bailey bought additional supplies for his little sister's birthday party. The table on the right shows the list of the supplies and how much they cost. Use the table to answer the questions below.

Party Needs

Item	Quantity	Total Price
Balloon	10	\$2.80
Party Hat	8	\$1.20
Candy	7	\$0.35
Candle	9	\$2.88
Giveaway	5	\$5.10

- a. Estimate how much Bailey paid for a piece of a balloon.
- b. Estimate the difference in the price per piece between party hats and candles.
- c. About how much did a piece of giveaway cost?
- d. About how much will Bailey pay if he were to buy 10 giveaways?

Answers:

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

5. A toy car store collected \$11,012.35 from their Christmas Day Sale. If each toy car costs \$4.72, about how many people bought toy cars?

Answer:

- A. 1,200
- B. 1,500
- C. 1,00
- D. 2,000

# 5.NBT.B.7 Estimate Quotients by Dividing Whole Numbers

## Answer Key

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

1. Estimate the quotient.

Answers:

a.  $321.45 \div 8$

a. 4

b.  $17.9 \div 6$

b. 3

c.  $53.8 \div 8.6$

c. 6

d.  $301.89 \div 58.99$

d. 5

e.  $120.05 \div 3.12$

e. 40

f.  $267.38 \div 88.45$

Answers:

f. 3

g.  $7.26 \div 0.51$

g. 14

h.  $42.35 \div 6.8$

h. 6

i.  $21.05 \div 0.41$

i. 50

j.  $8,103.81 \div 89.01$

j. 90

2. Jake bought 7 cans of red paint and paid \$13.23. He also bought 5 cans of white paint and paid \$10.75. About how much did he pay for each can of paint?

Answer:  
\$2

3. Joseph bought 64 pounds of pebbles for his giant aquarium. He paid a total of \$184.60 for the pebbles. Estimate how much he paid for each pound of the pebbles.

Answer:  
\$3

4. Bailey bought additional supplies for his little sister's birthday party. The table on the right shows the list of the supplies and how much they cost. Use the table to answer the questions below.

Party Needs

Item	Quantity	Total Price
Balloon	10	\$2.80
Party Hat	8	\$1.20
Candy	7	\$0.35
Candle	9	\$2.88
Giveaway	5	\$5.10

a. Estimate how much Bailey paid for a piece of a balloon.

b. Estimate the difference in the price per piece between party hats and candles.

c. About how much did a piece of giveaway cost?

d. About how much will Bailey pay if he were to buy 10 giveaways?

Answers:

a. \$3

b. \$0.20

c. \$1

d. \$10

5. A toy car store collected \$11,012.35 from their Christmas Day Sale. If each toy car costs \$4.72, about how many people bought toy cars?

Answer:  
D. 2,000

A. 1,200

B. 1,500

C. 1,00

D. 2,000