

4.NBT.B.6 Dividing 3-Digit Numbers

4.NBT.B.6 Find whole-number quotients and remainders with up to four-digit dividends and one-digit divisors

1. Divide to find quotient and remainder.

$$2 \overline{)498} =$$

$$3 \overline{)369} =$$

$$8 \overline{)638} =$$

$$457 \div 3 =$$

$$7 \overline{)320} =$$

$$362 \div 4 =$$

$$6 \overline{)536} =$$

$$5 \overline{)317} =$$

$$832 \div 6 =$$

$$9 \overline{)987} =$$

2. Matt bought three pairs of shoes from a shoes store. He paid with six \$20 bills and got back \$3 in change. How much did each pair of shoes cost?

Solution:

3. Max has 302 coins in her piggybank. If she were to stack the coins in sets of 8 coins each, how many sets can she make? How many coins will be left over?

Solution:

4. Kristy is reading a book that has 414 pages. If she reads 9 pages every day, how many days does she take to finish reading? How many pages does she read on the last day?

Solution:

5. A classroom can seat 30 students. How many rooms are required to seat 780 students?

Solution:

6. A bridge in California charges \$6 as toll when a vehicle crosses the bridge. Jason charged his account with \$210. How many times he crossed the bridge?

Solution:

7. 1 gallon is equal to 16 cups. How many whole gallons are there in 210 cups?

A. 11

C. 13

B. 12

D. 14

Solution:

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Answer Key

4.NBT.B.6 Find whole-number quotients and remainders with up to four-digit dividends and one-digit divisors

1. Divide to find quotient and remainder.

$$2 \overline{)498} =$$

Quotient: 249
Remainder: 0

$$3 \overline{)369} =$$

Quotient: 123
Remainder: 0

$$8 \overline{)638} =$$

Quotient: 79
Remainder: 6

$$457 \div 3 =$$

Quotient: 152
Remainder: 1

$$7 \overline{)320} =$$

Quotient: 45
Remainder: 5

$$362 \div 4 =$$

Quotient: 90
Remainder: 2

$$6 \overline{)536} =$$

Quotient: 89
Remainder: 2

$$5 \overline{)317} =$$

Quotient: 63
Remainder: 2

$$832 \div 6 =$$

Quotient: 138
Remainder: 4

$$9 \overline{)987} =$$

Quotient: 109
Remainder: 6

2. Matt bought three pairs of shoes from a shoes store. He paid with six \$20 bills and got back \$3 in change. How much did each pair of shoes cost?

Solution: \$39

3. Max has 302 coins in her piggybank. If she were to stack the coins in sets of 8 coins each, how many sets can she make? How many coins will be left over?

Solution: 37; 6 left

4. Kristy is reading a book that has 414 pages. If she reads 9 pages every day, how many days does she take to finish reading? How many pages does she read on the last day?

Solution: 46 days; 9 pages

5. A classroom can seat 30 students. How many rooms are required to seat 780 students?

Solution: 26 classrooms

6. A bridge in California charges \$6 as toll when a vehicle crosses the bridge. Jason charged his account with \$210. How many times he crossed the bridge?

Solution: 35

7. 1 gallon is equal to 16 cups. How many whole gallons are there in 210 cups?

A. 11

C. 13

B. 12

D. 14

Solution: C