

5.NBT.B.6 2-Digit Divisors

5.NBT.B.6 Find whole-number quotients of whole numbers with up to four-digit dividends and two-digit divisors

1. Divide to find quotient and remainder.

$$2,184 \div 12 =$$

$$24 \overline{) 5,422} =$$

$$5,631 \div 36 =$$

$$9,104 \div 78 =$$

$$9,892 \div 84 =$$

$$5,702 \div 14 =$$

$$56 \overline{) 4,836} =$$

$$3,907 \div 42 =$$

$$8,432 \div 59 =$$

$$3,192 \div 16 =$$

2. Alison bought 96 gifts for kids in the orphanage and paid a total of \$1,056. How much money did each gift cost?

Solution:

3. A toy store allocated \$9,900 to re-stock new toys. Each new toy cost \$17. About how many toys can the store buy with the allocated money? How much money will be left over?

Solution:

4. A non-profit organization that collected instant noodles needs to fill cartons from the 8,945 instant noodles that were collected from donations. Each cartoon holds 50 instant noodles. How many cartons can be filled? How many instant noodles will be left over?

Solution:

5. Sarah's cleaning shop charges \$79 for carpet cleaning. If the shop collected \$9,796, how many carpets did the shop clean?

Solution:

6. A school library has 8,342 books. Each shelf has 43 books. How many shelves are in the school library?

Solution:

- A. 149
B. 172
C. 189
D. 194

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Answer Key

5.NBT.B.6 Find whole-number quotients of whole numbers with up to four-digit dividends and two-digit divisors

1. Divide to find quotient and remainder.

$$2,184 \div 12 =$$

182

$$24 \overline{) 5,422} =$$

225 r22

$$5,631 \div 36 =$$

156 r15

$$9,104 \div 78 =$$

116 r56

$$9,892 \div 84 =$$

117 r64

$$5,702 \div 14 =$$

407 r4

$$56 \overline{) 4,836} =$$

86 r20

$$3,907 \div 42 =$$

93 r1

$$8,432 \div 59 =$$

142 r54

$$3,192 \div 16 =$$

199 r8

2. Alison bought 96 gifts for kids in the orphanage and paid a total of \$1,056. How much money did each gift cost?

Solution:

\$11

3. A toy store allocated \$9,900 to re-stock new toys. Each new toy cost \$17. About how many toys can the store buy with the allocated money? How much money will be left over?

Solution: 582 toys;

\$6 left over

4. A non-profit organization that collected instant noodles needs to fill cartons from the 8,945 instant noodles that were collected from donations. Each cartoon holds 50 instant noodles. How many cartons can be filled? How many instant noodles will be left over?

Solution: 178

cartons; 45 left over

5. Sarah's cleaning shop charges \$79 for carpet cleaning. If the shop collected \$9,796, how many carpets did the shop clean?

Solution:

124 carpets

6. A school library has 8,342 books. Each shelf has 43 books. How many shelves are in the school library?

Solution: D

- A. 149
B. 172
C. 189
D. 194