

5.NBT.B.6 Divide up to 4-Digit Numbers by a 1-Digit Numbers

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.

$$1211 \div 7 =$$

$$8 \overline{) 1,069} =$$

$$5609 \div 6 =$$

$$4,180 \div 8 =$$

$$3 \overline{) 1687} =$$

$$2,702 \div 4 =$$

$$7 \overline{) 1643} =$$

$$2144 \div 4 =$$

$$8,432 \div 9 =$$

$$3,192 \div 6 =$$

2. Jude bought seven jackets for a total of \$1,092 from a clothing store. How much did each jacket cost?
3. Harvey bought five laptops from a store. He gave the store clerk \$3,200. If he was given a \$25 change, how much does each laptop cost?
4. A warehouse currently has 1,430 boxes full of notebooks. 5 trucks are used to shift these boxes to another warehouse. How many boxes will be shifted by each truck if each truck carries the same number of boxes?
5. Jemma writes an essay having 6 pages. If each page has the same number of words in it and the total number of words in the essay is 1,812, how many words are in each page of the essay?
6. Mandy correctly divided 1,283 by 9. What is his solution?
 A. 142 r2
 B. 142 r3
 C. 142 r4
 D. 142 r5

Solution:

Solution:

Solution:

Solution:

Solution:

5.NBT.B.6 Divide up to 4-Digit Numbers by a 1-Digit Numbers

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.

$$1211 \div 7 =$$

173 r0

$$8 \overline{) 1,069} =$$

133 r5

$$5609 \div 6 =$$

934 r5

$$4,180 \div 8 =$$

522 r4

$$3 \overline{) 1687} =$$

562 r1

$$2,702 \div 4 =$$

675 r2

$$7 \overline{) 1643} =$$

234 r5

$$2144 \div 4 =$$

536 r0

$$8,432 \div 9 =$$

936 r8

$$3,192 \div 6 =$$

532 r0

2. Jude bought seven jackets for a total of \$1,092 from a clothing store. How much did each jacket cost?

Solution:

\$156

3. Harvey bought five laptops from a store. He gave the store clerk \$3,200. If he was given a \$25 change, how much does each laptop cost?

Solution:

\$635

4. A warehouse currently has 1,430 boxes full of notebooks. 5 trucks are used to shift these boxes to another warehouse. How many boxes will be shifted by each truck if each truck carries the same number of boxes?

Solution:

286

5. Jemma writes an essay having 6 pages. If each page has the same number of words in it and the total number of words in the essay is 1,812, how many words are in each page of the essay?

Solution:

302 words

6. Mandy correctly divided 1,283 by 9. What is his solution?

- A. 142 r2
- B. 142 r3
- C. 142 r4
- D. 142 r5

Solution: D