

5.5 Using Rounding to Estimate

You can use rounding to estimate products.

Use rounding to estimate 7×28 .

First, round 28 to the nearest ten.
28 rounds to 30.

Then, multiply.
 $7 \times 30 = 210$

So, 7×28 is about 210.

Use rounding to estimate 7×215 .

First, round 215 to the nearest hundred.
215 rounds to 200.

Then, multiply.
 $7 \times 200 = 1,400$

So, 7×215 is about 1,400.

Estimate each product.

1. 38×2 _____

3. 54×6 _____

5. 578×8 _____

7. 7×289 _____

9. 2×87 _____

2. 7×47 _____

4. 121×2 _____

6. 823×3 _____

8. 183×4 _____

10. 673×8 _____

The distance between Aaron's house and his aunt's house is 835 miles.

11. **About** how many miles would he drive if he made 4 one-way trips?

_____ miles

12. **About** how many miles would he drive if he made 9 one-way trips?

_____ miles

13. Dominika has 8 boxes of paper clips. Each box contains 275 paper clips. About how many paper clips does Dominika have?

A 240

B 1,600

C 2,400

D 24,000

Estimate each product.

1. 6×88 _____

3. 7×31 _____

5. 21×6 _____

2. 279×4 _____

4. 38×5 _____

6. 3×473 _____