

Estimate Products by 1-Digit Numbers

You can use rounding to estimate products.

Round the greater factor. Then use mental math to estimate the product.

$$6 \times 95$$

Step 1 Round 95 to the nearest ten.

95 rounds to **100**.

Step 2 Use patterns and mental math.

$$6 \times 1 = 6$$

$$6 \times 10 = 60$$

$$6 \times 100 = 600$$

Find two numbers the exact answer is between.

$$7 \times 759$$

Step 1 Estimate by rounding to the lesser hundred.

$$7 \times 759$$

Think: $7 \times 7 = 49$

$$7 \times 70 = 490$$

$$7 \times 700 = 4,900$$

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Step 2 Estimate by rounding to the greater hundred.

$$7 \times 759$$

Think: $7 \times 8 = 56$

$$7 \times 80 = 560$$

$$7 \times 800 = 5,600$$

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So, the product is between 4,900 and 5,600.

Estimate the product by rounding.

1 6×316

2 5×29

3 4×703

Estimate the product by finding two numbers the exact answer is between.

4 3×558

5 7×252

6 8×361
