



Rounding and Estimating

Round it, estimate it, multiply it!



Name: _____

Date: _____

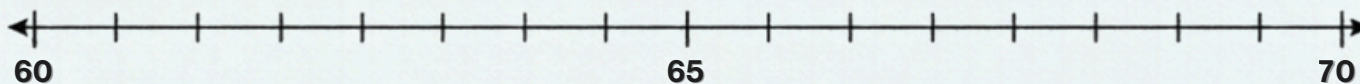
Rounding Rule Card

To round to the nearest 10, look at the ones digit. To round to the nearest 100, look at the tens digit. If that digit is 0, 1, 2, 3 or 4, round down: the digit you are rounding stays the same. If that digit is 5, 6, 7, 8 or 9, round up: add 1 to the digit you are rounding.

1. Round to the Nearest 10

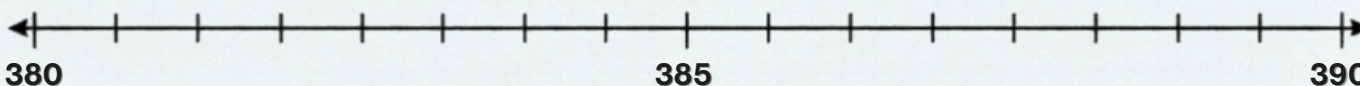
Use the number line or the rule card. Round each number to the nearest 10.

Round 63 to the nearest 10. Draw a dot on 63.



63 rounds to ___

Round 387 to the nearest 10. Draw a dot on 387.



387 rounds to ___

a) Round 24 to the nearest 10: ___

b) Round 58 to the nearest 10: ___

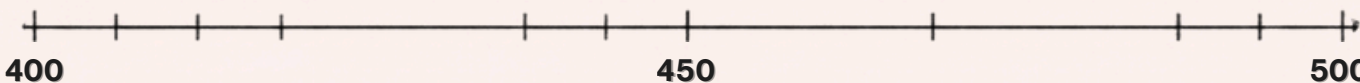
c) Round 135 to the nearest 10: ___

d) Round 705 to the nearest 10: ___

2. Round to the Nearest 100

Use the number line or the rule card.

Round 467 to the nearest 10 and to the nearest 100. Draw a dot on 467.



Nearest 10: ___ , Nearest 100: ___

a) Round 238 to the nearest 100: ___

b) Round 350 to the nearest 100: ___

c) Round 612 to the nearest 100: ___

d) Round 849 to the nearest 100: ___

e) Round 951 to the nearest 100: ___



Rounding and Estimating



3. Round, Then Estimate

Round each number first. Then add or subtract to estimate.

a) Round to the nearest 10. $38 + 52 = __$

b) Round to the nearest 10. $73 - 28 = __$

c) Round to the nearest 100. $296 + 403 = __$

d) Round to the nearest 100. $689 - 212 = __$

e) A beach has 212 red shells and 389 white shells. About how many shells are there in all? Round to the nearest 100.

$__ + __ = __$ shells

4. Multiples of 10

Multiply a one-digit number by a multiple of 10. Think of the basic fact first.

Example: 4×30 . Think $4 \times 3 = 12$. So $4 \times 30 = 120$.

1) $2 \times 40 = __$
Think: $2 \times 4 = __$

2) $3 \times 20 = __$
Think: $3 \times 2 = __$

3) $5 \times 30 = __$
Think: $5 \times 3 = __$

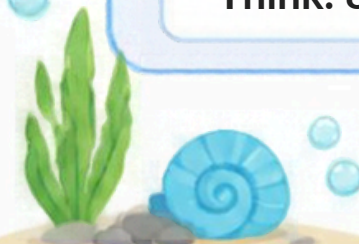
4) $6 \times 10 = __$
Think: $6 \times 1 = __$

5) $7 \times 20 = __$
Think: $7 \times 2 = __$

6) $4 \times 50 = __$
Think: $4 \times 5 = __$

7) $8 \times 30 = __$
Think: $8 \times 3 = __$

8) $9 \times 40 = __$
Think: $9 \times 4 = __$



Answer Key: Rounding and Estimating

Section 1:

Number line A: 63 rounds to 60. Number line B: 387 rounds to 390.

a) 20 b) 60 c) 140 d) 710

Section 2:

Number line C: nearest 10 is 470; nearest 100 is 500.

a) 200 b) 400 c) 600 d) 800 e) 1,000

Section 3:

a) $40 + 50 = 90$ b) $70 - 30 = 40$ c) $300 + 400 = 700$
d) $700 - 200 = 500$ e) $200 + 400 = 600$ shells

Section 4:

1) 80; $2 \times 4 = 8$ 2) 60; $3 \times 2 = 6$
3) 150; $5 \times 3 = 15$ 4) 60; $6 \times 1 = 6$
5) 140; $7 \times 2 = 14$ 6) 200; $4 \times 5 = 20$
7) 240; $8 \times 3 = 24$ 8) 360; $9 \times 4 = 36$