Name: _____ Date: _____

Rounding: Applying rounding skills

Write in the boxes. Answers you explain in words get a model answer to compare with after Check.



EXERCISE 7 **Complete the number sentences.** Level 2

Round each number as indicated.

a. 34 to the nearest 10 = **30**

b. 76 to the nearest 10 = **80**

c. 243 to the nearest 100 = **200**

d. 867 to the nearest 100 = **900**

e. 3,456 to the nearest 1,000 = **3,000**

f. 7,890 to the nearest 1,000 = **8,000**

✓ Model answer: 30; 80; 200; 900; 3,000; 8,000.

EXERCISE 8 **Fill in the missing digits.** Level 2

Write all possible digits where appropriate.

1. 3[?] is rounded to 40 to the nearest 10. Give two possible digits.

any two digits 5–9

2. 5[?]2 is rounded to 500 to the nearest 100. Give two possible digits for the tens place.

any two digits 0–4

3. 2,[?]45 is rounded to 2,000 to the nearest 1,000. Give two possible digits.

any two digits 0–4

4. 6,8[?]0 is rounded to 6,900 to the nearest 100. What digits are possible?

digits 5–9

5. 4,[?]50 is rounded to 5,000 to the nearest 1,000. Give two possible digits.

any two digits 5–9

✓ Model answer: (1) any two digits 5–9; (2) any two digits 0–4; (3) any two digits 0–4; (4) digits 5–9; (5) any two digits 5–9.

EXERCISE 9 **Find the number.** Level 2

Write one number that satisfies each clue.

1. I am between 30 and 40. I round to 40 to the nearest 10. Number:

35

2. I am between 200 and 300. I round to 300 to the nearest 100. Number:

250

3. I am between 3,000 and 4,000. I round to 4,000 to the nearest 1,000. Number:

3,500

4. I am a 3-digit number. I round to 500 to the nearest 100. My ones digit is 7. Number:

497

✓ Model answer: Sample answers: 35; 250; 3,500; 497.

EXERCISE 10 **Complete the number line.** Level 2

Write the missing numbers, then answer the questions.

1. 20, 30, 40 , 50, 60 , 70

2. 100, 200, 300 , 400, 500 , 600

3. 1,000, 2,000, 3,000 , 4,000, 5,000 , 6,000

4. Which two tens are closest to 46? 40, 50

5. Which two hundreds are closest to 378?

300, 400

6. Which two thousands are closest to 6,750?

6,000, 7,000

✓ Model answer: (1) 40, 60; (2) 300, 500; (3) 3,000, 5,000; (4) 40 and 50; (5) 300 and 400; (6) 6,000 and 7,000.

EXERCISE 11 **True or False?** Level 2

Write T (True) or F (False). Correct the false statements.

1. 45 rounded to the nearest 10 is 40. F

2. 349 rounded to the nearest 100 is 300.

T

3. 750 rounded to the nearest 100 is 800.

T

4. 4,499 rounded to the nearest 1,000 is 5,000.

F

5. 6,500 rounded to the nearest 1,000 is 7,000.

T

6. 2,349 rounded to the nearest 100 is 2,300.

T

✓ Model answer: F (45 → 50), T, T, F (4,499 → 4,000), T, T.

EXERCISE 12 **Match the numbers to their rounded values.** Level 2

Round A and E to the nearest 100; round B, C and D to the nearest 1,000. Match each result.

A. 248 = ___

200 B. 3,450 = 3,000 C. 6,780 = 7,000

D. 2,650 = 3,000 E. 1,249 = 1,200

Rounded values: 1. 3,000 2. 200 3. 7,000 4. 3,000 5. 1,200

✓ Model answer: A = 200; B = 3,000; C = 7,000; D = 3,000; E = 1,200. The repeated 3,000 is intentional.