

Name _____

Date _____

1. a. Skip-count by nines down from 90.

90, _____, 72, _____, _____, _____, 36, _____, _____, _____

- b. Look at the
- tens*
- place in the count-by. What is the pattern?

- c. Look at the
- ones*
- place in the count-by. What is the pattern?

2. Each equation contains a letter representing the unknown. Find the value of each unknown.

$$a \times 9 = 18$$

$$a = \underline{\quad}$$

$$m \div 9 = 3$$

$$m = \underline{\quad}$$

$$e \times 9 = 45$$

$$e = \underline{\quad}$$

$$f \div 9 = 4$$

$$f = \underline{\quad}$$

$$9 \times d = 81$$

$$d = \underline{\quad}$$

$$w \div 9 = 6$$

$$w = \underline{\quad}$$

$$9 \times s = 90$$

$$s = \underline{\quad}$$

$$k \div 9 = 8$$

$$k = \underline{\quad}$$

3. Solve.

a. What is 10 more than 0? ____ b. What is 10 more than 9? ____ c. What is 10 more than 18? ____

What is 1 less? ____

What is 1 less? ____

What is 1 less? ____

$1 \times 9 = \underline{\quad}$

$2 \times 9 = \underline{\quad}$

$3 \times 9 = \underline{\quad}$

d. What is 10 more than 27? ____ e. What is 10 more than 36? ____ f. What is 10 more than 45? ____

What is 1 less? ____

What is 1 less? ____

What is 1 less? ____

$4 \times 9 = \underline{\quad}$

$5 \times 9 = \underline{\quad}$

$6 \times 9 = \underline{\quad}$

g. What is 10 more than 54? ____ h. What is 10 more than 63? ____ i. What is 10 more than 72? ____

What is 1 less? ____

What is 1 less? ____

What is 1 less? ____

$7 \times 9 = \underline{\quad}$

$8 \times 9 = \underline{\quad}$

$9 \times 9 = \underline{\quad}$

j. What is 10 more than 81? ____

What is 1 less? ____

$10 \times 9 = \underline{\quad}$

4. Explain the pattern in Problem 3, and use the pattern to solve the next 3 facts.

$11 \times 9 = \underline{\quad}$

$12 \times 9 = \underline{\quad}$

$13 \times 9 = \underline{\quad}$