

# Factors

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Fill the blanks to find the factors of each number.**

1) **20**

$$\underline{\quad} \times \underline{\quad} = 20$$

$$\underline{\quad} \times \underline{\quad} = 20$$

$$\underline{\quad} \times \underline{\quad} = 20$$

2) **28**

$$\underline{\quad} \times \underline{\quad} = 28$$

$$\underline{\quad} \times \underline{\quad} = 28$$

$$\underline{\quad} \times \underline{\quad} = 28$$

Factors of 20: \_\_\_\_\_

\_\_\_\_\_

Factors of 28: \_\_\_\_\_

\_\_\_\_\_

3) **32**

$$\underline{\quad} \times \underline{\quad} = 32$$

$$\underline{\quad} \times \underline{\quad} = 32$$

$$\underline{\quad} \times \underline{\quad} = 32$$

4) **36**

$$\underline{\quad} \times \underline{\quad} = 36$$

$$\underline{\quad} \times \underline{\quad} = 36$$

$$\underline{\quad} \times \underline{\quad} = 36$$

$$\underline{\quad} \times \underline{\quad} = 36$$

$$\underline{\quad} \times \underline{\quad} = 36$$

Factors of 32: \_\_\_\_\_

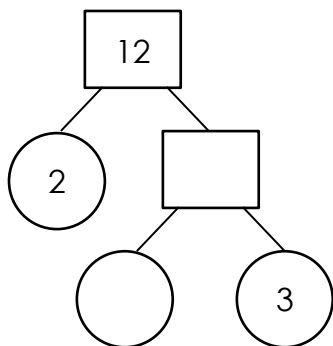
\_\_\_\_\_

Factors of 36: \_\_\_\_\_

\_\_\_\_\_

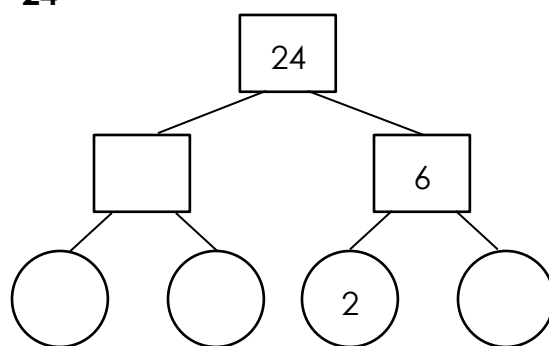
**Fill the numbers in the factor trees then write the prime factors.**

1) **12**



12 = \_\_\_\_\_

2) **24**



24 = \_\_\_\_\_

# Factors

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Fill the blanks to find the factors of each number.**

1) **20**

$$\underline{1} \times \underline{20} = 20$$

$$\underline{2} \times \underline{10} = 20$$

$$\underline{4} \times \underline{5} = 20$$

Factors of 20: 1, 2, 4, 5, 10, 20

\_\_\_\_\_

2) **28**

$$\underline{1} \times \underline{28} = 28$$

$$\underline{2} \times \underline{14} = 28$$

$$\underline{4} \times \underline{7} = 28$$

Factors of 28: 1, 2, 4, 7, 14, 28

\_\_\_\_\_

3) **32**

$$\underline{1} \times \underline{32} = 32$$

$$\underline{2} \times \underline{16} = 32$$

$$\underline{4} \times \underline{8} = 32$$

Factors of 32: 1, 2, 4, 8, 16, 32

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4) **36**

$$\underline{1} \times \underline{36} = 36$$

$$\underline{2} \times \underline{18} = 36$$

$$\underline{3} \times \underline{12} = 36$$

$$\underline{4} \times \underline{9} = 36$$

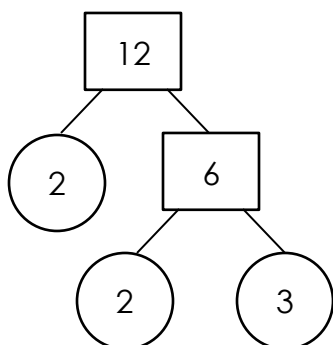
$$\underline{6} \times \underline{6} = 36$$

Factors of 36: 1, 2, 3, 4, 6, 9, 12, 18, 36

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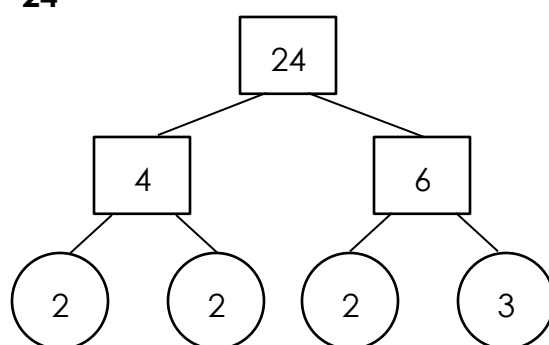
**Fill the numbers in the factor trees then write the prime factors.**

1) **12**



$$12 = \underline{3 \times 2 \times 2}$$

2) **24**



$$24 = \underline{3 \times 2 \times 2 \times 2}$$