

Factors

Name: _____

Date: _____

Fill the blanks to find the factors of each number.

1) **42**

$_____ \times _____ = 42$

$_____ \times _____ = 42$

$_____ \times _____ = 42$

$_____ \times _____ = 42$

2) **45**

$_____ \times _____ = 45$

$_____ \times _____ = 45$

$_____ \times _____ = 45$

Factors of 42: _____

Factors of 45: _____

3) **44**

$_____ \times _____ = 44$

$_____ \times _____ = 44$

$_____ \times _____ = 44$

4) **40**

$_____ \times _____ = 40$

$_____ \times _____ = 40$

$_____ \times _____ = 40$

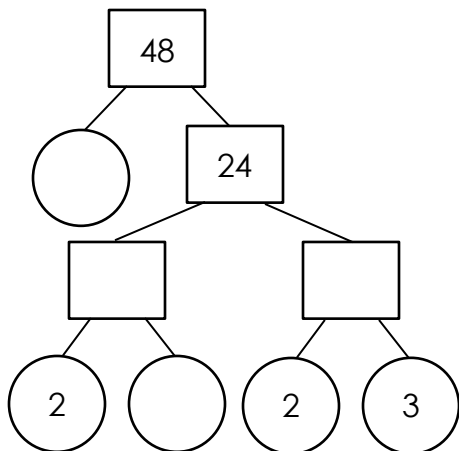
$_____ \times _____ = 40$

Factors of 44: _____

Factors of 40: _____

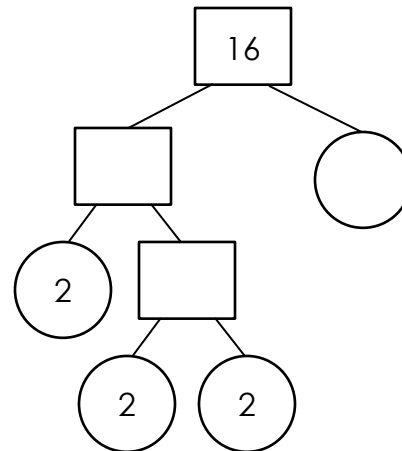
Fill the numbers in the factor trees then write the prime factors.

1) **48**



48 = _____

2) **16**



16 = _____

Factors

Name: _____

Date: _____

Fill the blanks to find the factors of each number.

1) **42**

$$\underline{1} \times \underline{42} = 42$$

$$\underline{2} \times \underline{21} = 42$$

$$\underline{3} \times \underline{14} = 42$$

$$\underline{6} \times \underline{7} = 42$$

Factors of 42: 1, 2, 3, 6, 7, 14, 21, 42

2) **45**

$$\underline{1} \times \underline{45} = 45$$

$$\underline{3} \times \underline{15} = 45$$

$$\underline{5} \times \underline{9} = 45$$

Factors of 45: 1, 3, 5, 9, 15, 45

3) **44**

$$\underline{1} \times \underline{44} = 44$$

$$\underline{2} \times \underline{22} = 44$$

$$\underline{4} \times \underline{11} = 44$$

Factors of 44: 1, 2, 4, 11, 22, 44

4) **40**

$$\underline{1} \times \underline{40} = 40$$

$$\underline{2} \times \underline{20} = 40$$

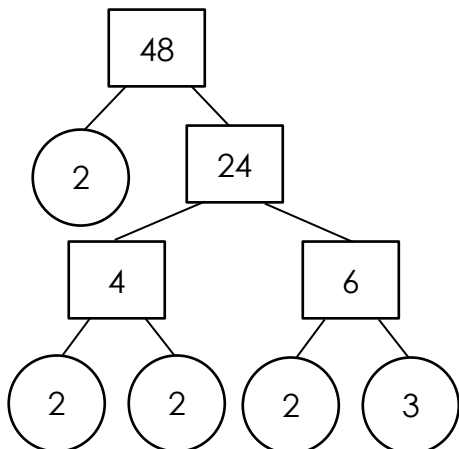
$$\underline{4} \times \underline{10} = 40$$

$$\underline{5} \times \underline{8} = 40$$

Factors of 40: 1, 2, 4, 5, 8, 10, 20, 40

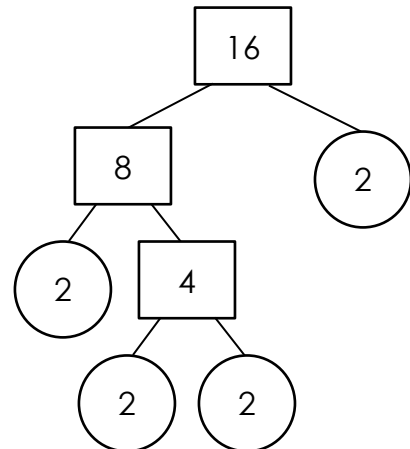
Fill the numbers in the factor trees then write the prime factors.

1) **48**



$$48 = \underline{3 \times 2 \times 2 \times 2 \times 2}$$

2) **16**



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