Name _____ Class _____ Date _____

Write the factors for these numbers.

Factors of 24 __ __ __ __ __ __ __ __   Factors of 28 __ __ __ __ __ __

Factors of 30 __ __ __ __ __ __ __ __   Factors of 32 __ __ __ __ __ __

Factors of 36 __ __ __ __ __ __ __ __ __   Factors of 38 __ __ __ __

Factors of 40 __ __ __ __ __ __ __ __   Factors of 44 __ __ __ __ __ __

Find the product of multiplying these numbers.

$3 \times 2 \times 1 =$ __ $4 \times 2 \times 3 =$ __ $3 \times 0 \times 3 =$ __ $2 \times 6 \times 2 =$ __ $5 \times 2 \times 2 =$ __

$1 \times 2 \times 3 =$ __ $2 \times 3 \times 5 =$ __ $6 \times 4 \times 1 =$ __ $5 \times 6 \times 2 =$ __ $2 \times 2 \times 7 =$ __

$3 \times 60 =$ __ $40 \times 4 =$ __ $30 \times 5 =$ __ $9 \times 20 =$ __ $3 \times 90 =$ __

$6 \times 50 =$ __ $70 \times 5 =$ __ $80 \times 6 =$ __ $7 \times 40 =$ __ $8 \times 60 =$ __

PREVIEW

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When you multiply factors, the answer is called the **product**.

The factors of **12** from smallest to largest are
1, **2**, **3**, **4**, **6** and **12**.

Make arrays to find all the factors of these numbers. Write them in order from smallest to largest.

The factors of **4** __ __ __   The factors of **6** __ __ __

The factors of **8** __ __ __ __   The factors of **9** __ __ __

The factors of **10** __ __ __ __   The factors of **14** __ __ __ __

The factors of **15** __ __ __ __   The factors of **16** __ __ __ __ __

The factors of **18** __ __ __ __ __ __ The factors of **20** __ __ __ __ __ __

The factors of **28** __ __ __ __ __ __ The factors of **32** __ __ __ __ __ __

The factors of **44** __ __ __ __ __ __ The factors of **45** __ __ __ __ __ __

Name _____ Class _____ Date _____

ANSWER KEY

Write the factors for these numbers.

Factors of 24 **1 2 3 4 6 8 12 24**

Factors of 28 **1 2 4 7 14 28**

Factors of 30 **1 2 3 5 6 10 15 30**

Factors of 32 **1 2 4 8 16 32**

Factors of 36 **1 2 3 4 6 9 12 18 36**

Factors of 38 **1 2 19 38**

Factors of 40 **1 2 4 5 8 10 20 40**

Factors of 44 **1 2 4 11 22 44**

Find the product of multiplying these numbers.

$3 \times 2 \times 1 = 6$ $4 \times 2 \times 3 = 24$ $3 \times 0 \times 3 = 0$ $2 \times 6 \times 2 = 24$ $5 \times 2 \times 2 = 20$

$1 \times 2 \times 3 = 6$ $2 \times 3 \times 5 = 30$ $6 \times 4 \times 1 = 24$ $5 \times 6 \times 2 = 60$ $2 \times 2 \times 7 = 28$

$3 \times 60 = 180$ $40 \times 4 = 160$ $30 \times 5 = 150$ $9 \times 20 = 180$ $3 \times 90 = 270$

$6 \times 50 = 300$ $70 \times 5 = 350$ $80 \times 6 = 480$ $7 \times 40 = 280$ $8 \times 60 = 480$

PREVIEW

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Factors are the numbers that you multiply to make a new number.

The factors of **12** from smallest to largest are **1**, **2**, **3**, **4**, **6** and **12**.

When you multiply factors, the answer is called the **product**.

Make arrays to find all the factors of these numbers. Write them in order from smallest to largest.

The factors of **4**   **1 2 4**

The factors of **6**   **1 2 3 6**

The factors of **8**   **1 2 4 8**

The factors of **9**   **1 3 9**

The factors of **10**   **1 2 5 10**

The factors of **14**   **1 2 7 14**

The factors of **15**   **1 3 5 15**

The factors of **16**   **1 2 4 8 16**

The factors of **18**   **1 2 3 6 9 18**

The factors of **20**   **1 2 4 5 10 20**

The factors of **28**   **1 2 4 7 14 28**

The factors of **32**   **1 2 4 8 16 32**