

Name _____

Date _____



PEMDAS CHALLENGES 5:2 - MAKE 64

Your challenge is to place the digits in the correct place to make an answer of 64 each time.

CHALLENGE A:

Use the digits 12, 8 and 4

$$\underline{\quad} \times (\underline{\quad} - \underline{\quad})$$

CHALLENGE B:

Use the digits 4, 7 and 9

$$(\underline{\quad} + \underline{\quad}) \times \underline{\quad}$$

CHALLENGE C:

Use the digits 4, 3, 8 and 10

$$\underline{\quad} \times \underline{\quad} + \underline{\quad} \times \underline{\quad}$$

CHALLENGE D:

Use the digits 2, 6, 12, 16

$$\underline{\quad} \times \underline{\quad} - \underline{\quad} \div \underline{\quad}$$



Name

Date



PEMDAS CHALLENGES 5:2 - MAKE 64 ANSWERS

There may be more than one solution to each challenge due to the commutative property of addition and multiplication.

Your challenge is to place the digits in the correct place to make an answer of 64 each time.

CHALLENGE A:

Use the digits 12, 8 and 4

$$\underline{8} \times (\underline{12} - \underline{4})$$

CHALLENGE B:

Use the digits 4, 7 and 9

$$(\underline{9} + \underline{7}) \times \underline{4}$$

CHALLENGE C:

Use the digits 4, 3, 8 and 10

$$\underline{4} \times \underline{10} + \underline{3} \times \underline{8}$$

CHALLENGE D:

Use the digits 2, 6, 12, 16

$$\underline{12} \times \underline{6} - \underline{16} \div \underline{2}$$

