

Name _____

Date _____



PEMDAS CHALLENGES 5:3

Place the digits in the correct place to make the answer you require.

CHALLENGE A: Make a total of 100

Use the digits 11, 10, 9 and 5

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

CHALLENGE B: Make a total of -10

Use the digits 2, 3, 7 and 12

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

CHALLENGE C: Make a total of 36

Use the digits 1, 2, 4 and 6

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

CHALLENGE D: Make a total of 34

Use the digits 4, 8, 10 and 14

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



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PEMDAS CHALLENGES 5:3 ANSWERS

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

CHALLENGE A: Make a total of 100

Use the digits 11, 10, 9 and 5

$$\underline{5} \times \underline{10} \times (\underline{11} - \underline{9})$$

CHALLENGE B: Make a total of -10

Use the digits 2, 3, 7 and 12

$$\underline{12} \div \underline{3} - \underline{2} \times \underline{7}$$

CHALLENGE C: Make a total of 36

Use the digits 1, 2, 4 and 6

$$\underline{6} \times (\underline{4} + \underline{2}) \div \underline{1}$$

CHALLENGE D: Make a total of 34

Use the digits 4, 8, 10 and 14

$$\underline{8} - \underline{14} + \underline{10} \times \underline{4}$$