



ORDER OF OPERATIONS CHALLENGES 6.1

For each question, put brackets in the correct places to make the calculation correct.

1)	$5 + 4 \times 6 - 2 = 21$
2)	$12 - 3 \times 4 \div 2 = 18$
3)	$9 \times 4 + 5 \div 3 - 2 = 25$
4)	$8 - 5 \times 6 + 8 \div 2 = 21$
5)	$5 \times 3 + 7 \div 11 - 6 = 10$

For each question, use the digits in the correct places to make the equation correct.
No brackets are needed!

6)	Use digits 4, 7 and 3.	$_ + _ \times _ = 19$
7)	Use digits 3, 9, 8 and 2.	$_ \times _ - _ \div _ = 13$
8)	Use digits 6, 4, 7 and 5.	$_ + _ \times _ - _ = 22$
9)	Use digits 2, 3, 8 and 6.	$_ - _ \times _ + _ = -8$
10)	Use digits 3, 4, 2 and 9.	$_ \div _ - _ \times _ = -5$

For each question, use any of the 4 operations and brackets to make the equation correct.

11)	$7 \quad 6 \quad 2 \quad 3 = -2$
12)	$5 \quad 9 \quad 6 \quad 3 = 15$



ORDER OF OPERATIONS CHALLENGES 6.1 ANSWERS

For each question, put brackets in the correct places to make the calculation correct.

1)	$5 + 4 \times (6 - 2) = 21$
2)	$(12 - 3) \times (4 \div 2) = 18$
3)	$9 \times (4 + 5) \div 3 - 2 = 25$
4)	$(8 - 5) \times (6 + 8) \div 2 = 21$
5)	$5 \times (3 + 7) \div (11 - 6) = 10$

6)	Use digits 4, 7 and 3.	$\underline{7} + \underline{3} \times \underline{4} = 19$ <u>or</u> $\underline{7} + \underline{4} \times \underline{3} = 19$
7)	Use digits 3, 9, 8 and 2.	$\underline{8} \times \underline{2} - \underline{9} \div \underline{3} = 13$ <u>or</u> $\underline{2} \times \underline{8} - \underline{9} \div \underline{3} = 13$
8)	Use digits 6, 4, 7 and 5.	$\underline{5} + \underline{6} \times \underline{4} - \underline{7} = 22$
9)	Use digits 2, 3, 8 and 6.	$\underline{8} - \underline{3} \times \underline{6} + \underline{2} = -8$ <u>or</u> $\underline{8} - \underline{6} \times \underline{3} + \underline{2} = -8$
10)	Use digits 3, 4, 2 and 9.	$\underline{9} \div \underline{3} - \underline{4} \times \underline{2} = -5$ <u>or</u> $\underline{9} \div \underline{3} - \underline{2} \times \underline{4} = -5$

11) $7 - 6 \times 2 + 3 = -2$ or $7 - (6 \times 2) + 3 = -2$

12) $5 \times 9 \div (6 - 3) = 15$ or $(5 \times 9) \div (6 - 3) = 15$