

**Rules:**

When two +/- signs are next to each other in an add/ subtract question:

- if the signs are the same, replace them with a +
- if the signs are different, replace them with a -

When you multiply/ divide two numbers:

- if the signs are the same the result is positive
- if the signs are different the result is negative

**Examples: Work out**

- 1)  $-6 - -9 = -6 + 9 = 3$
- 2)  $-8 - +3 = -8 - 3 = -11$
- 3)  $(+16) \div (-4) = -4$
- 4)  $(-25) \div (-5) = +5$

**Exercise: Work out**

- 1)  $-3 - -13 = +10$
- 2)  $(+3) \times (-4) = -12$
- 3)  $7 - +4 = 3$
- 4)  $(-30) \div (+6) = -5$
- 5)  $-2 + -11 = -13$
- 6)  $(-28) \div (+7) = -4$
- 7)  $-5 - +8 = -13$
- 8)  $(-49) \div (-7) = +7$
- 9)  $6 + -9 = -3$
- 10)  $(-44) \times (-2) = +88$
- 11)  $-14 - +2 = -16$
- 12)  $(+11) \times (-6) = -66$
- 13)  $-4 - -4 = 0$
- 14)  $(+4) \times (-11) = -44$
- 15)  $7 - +14 = -7$
- 16)  $(-12) \times (+7) = -84$
- 17)  $9 + -9 = 0$
- 18)  $(-56) \div (+8) = -7$
- 19)  $-4 - +4 = -8$
- 20)  $(-88) \div (+11) = -8$
- 21)  $-3 - +5 = -8$
- 22)  $(-72) \div (-8) = +9$
- 23)  $-11 - -2 = -9$
- 24)  $(+12) \times (-9) = -108$