

Rule:

When you are multiplying/ dividing 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) $(-2) \times (-9) = +18$
- 2) $(-8) \times (+3) = -24$
- 3) $(+16) \div (-4) = -4$
- 4) $(-25) \div (-5) = +5$

Exercise: Work out

1) $(-2) \times (-5) = +10$

2) $(+2) \times (-4) = -8$

3) $(-3) \times (+6) = -18$

4) $(-20) \div (+5) = -4$

5) $(-18) \div (-6) = +3$

6) $(-24) \div (+4) = -6$

7) $(-12) \times (-3) = +36$

8) $(-84) \div (-7) = +12$

9) $(+36) \div (-6) = -6$

10) $(-11) \times (-2) = +22$

11) $(-56) \div (-8) = +7$

12) $(+12) \times (-8) = -96$

13) $(-40) \div (-5) = +8$

14) $(+12) \times (-3) = -36$

15) $(-42) \div (+6) = -7$

16) $(-11) \times (+5) = -55$

17) $(-78) \div (-6) = +13$

18) $(-28) \div (+14) = -2$

19) $(+56) \div (-7) = -8$

20) $(-99) \div (+11) = -9$

21) $(-72) \div (+9) = -8$

22) $(-40) \div (-8) = +5$

23) $(+108) \div (-12) = -9$

24) $(+9) \times (-9) = -81$