

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) $(-2) \times (-5)$ | 13) $(-40) \div (-5)$ |
| 2) $(+2) \times (-4)$ | 14) $(+12) \times (-3)$ |
| 3) $(-3) \times (+6)$ | 15) $(-42) \div (+6)$ |
| 4) $(-20) \div (+5)$ | 16) $(-20) \times (+5)$ |
| 5) $(-18) \div (-6)$ | 17) $(-78) \div (-6)$ |
| 6) $(-24) \div (4)$ | 18) $(-28) \div (14)$ |
| 7) $(-12) \times (-3)$ | 19) $(+56) \div (-7)$ |
| 8) $(-35) \div (-7)$ | 20) $(-99) \div (+11)$ |
| 9) $(+36) \div (-6)$ | 21) $(-72) \div (+9)$ |
| 10) $(-11) \times (-2)$ | 22) $(-40) \div (-8)$ |
| 11) $(-56) \div (-8)$ | 23) $(-48) \div (+12)$ |
| 12) $(+12) \times (-8)$ | 24) $(+9) \times (-9)$ |