Mathematics

Further Division Worksheet

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Try this

Complete the calculations:

$6 \times -4 = \square$

$9 \times \square = -18$

$-5 \times \square = 30$

$\square \times -9 = -90$

$-7 \times \square = 84$

$\square \times \square = 44$

Independent task

1. Copy and complete each of the fact families

a)

$30 = (-2) \times \square$ $\quad 30 \div (-2) = \square$

$30 = (-15) \times \square$ $\quad 30 \div (-15) = \square$

b)

$-35 = 5 \times \square$ $\quad -35 \div \square = \square$

$-35 = \square \times \square$ $\quad -35 \div \square = \square$

2. Copy and complete each of the fact families

a) (-24) ÷ 12 b) (-24) ÷ 6 c) (-24) ÷ 3

d) 48 ÷ (-8) e) 48 ÷ (-4) f) 48 ÷ (-2)

3. How many different ways can you place integers in the two spaces to make the equality true?

a) $60 \div \square = \square$

b) $(-60) \div \square = \square$

Explore

Consider each of the following statements.
Decide for each if it is always, sometimes or never true.
Here n represents **any number.**

$n \div 2 > 0$

$n \div (-2) < 0$

$n \div (-2) = n \times (-\frac{1}{2})$