

1. Solve:

$$\frac{3y+7}{2} = -4$$

2. Solve:

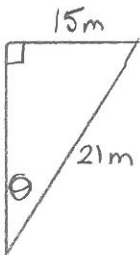
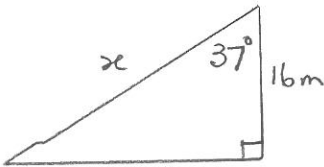
$$5(2x-1) = -4(1-2x)$$

3. Show on a number line:

$$x > -2$$

$$-1 < x \leq 3$$

4.



5.

$$\sqrt{12} + \sqrt{20}$$

=

$$2\sqrt{6} + 3\sqrt{3}$$

=

6.

True

Magnetic

053°

S15°E

213°

N28°W

7.

Expand:

$$(2x+3)(x-5)$$

$$(5+e)(5-e)$$

8.

Factorise:

$$x^2 + 4x - 12$$

$$3x^2 + 14x + 8$$

9.

Solve:

$$-5(x+8) \geq 30$$