

Changing the Subject of the Formula: Easy Worksheet

For each question below, rearrange the given formula to make the indicated variable the subject. Show your working where possible.

- 1.
2. Make x the subject of the formula: $y = x + 4$
3. Make a the subject of the formula: $b = 3a$
4. Make t the subject of the formula: $s = 5t$
5. Make m the subject of the formula: $m + 7 = k$
6. Make h the subject of the formula: $p = 2h$
7. Make q the subject of the formula: $q - 9 = r$
8. Make y the subject of the formula: $2y = x$
9. Make w the subject of the formula: $z = w/3$
10. Make f the subject of the formula: $g = f - 2$
11. Make x the subject of the formula: $4x = y$

Answer Key

1. $x = y - 4$

Maths with Melissa

$$2. \ a = \frac{b}{3}$$

$$3. \ t = \frac{s}{5}$$

$$4. \ m = k - 7$$

$$5. \ h = \frac{p}{2}$$

$$6. \ q = r + 9$$

$$7. \ y = \frac{x}{2}$$

$$8. \ w = 3z$$

$$9. \ f = g + 2$$

$$10. \ x = \frac{y}{4}$$