Maths with Melissa

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.
$$x = y - 4$$

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