

- 1** Rearrange $y = \sqrt{w^3}$ to make w the subject.
Circle your answer.

[1 mark]

$$w = y^6$$

$$w = \sqrt[3]{y^2}$$

$$w = \sqrt{y^3}$$

$$w = y^5$$

2

Rearrange $y = \frac{1}{\sqrt{x+1}}$ to make x the subject.

[3 marks]

Answer _____

3

Rearrange $y = \frac{5x+9}{x}$ to make x the subject.

[4 marks]

Answer _____

Rearrange $y = \frac{x+8}{x}$ to make x the subject.

Answer _____

5 $a \times b^4 = c$

Circle the correct expression for a .

[1 mark]

$$\frac{c}{\sqrt[4]{b}}$$

$$\frac{c}{b^{-4}}$$

$$\left(\frac{c}{b}\right)^4$$

$$\frac{c}{b^4}$$

[4 marks]

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and extend across the width of the page. There are no margins, text, or other markings on the paper.

Answer _____

Rearrange $y = \frac{3x+7}{x}$ to make x the subject.

Answer _____