1   Rearrange $y = \sqrt{w^3}$ to make w the subject.

Circle your answer.

[1 mark]

$$w = y^6 \qquad\qquad w = \sqrt[3]{y^2} \qquad\qquad w = \sqrt{y^3} \qquad\qquad w = y^5$$

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

[3 marks]

Answer _____

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

[4 marks]

Answer _____

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

[3 marks]

Answer _____

5 $a \times b^4 = c$

Circle the correct expression for a.

[1 mark]

$$\dfrac{c}{\sqrt[4]{b}} \qquad\qquad \dfrac{c}{b^{-4}} \qquad\qquad \left(\dfrac{c}{b}\right)^4 \qquad\qquad \dfrac{c}{b^4}$$

6   Rearrange $9m + 4(2m - 1) = p^2 + pm$ to make m the subject.

[4 marks]

Answer _____

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

[4 marks]

Answer _____