Practice worksheet | Exponential relationships

Rationalising denominators

Name: _____ Date: _____

6 questions | 15 marks

1. Rationalise $3/\sqrt{2}$. [2 marks]

2. Rationalise $4/\sqrt{8}$. [2 marks]

3. Rationalise $1/(2+\sqrt{3})$. [3 marks]

4. Rationalise $3/(\sqrt{5} - 1)$. [3 marks]

5. Simplify and rationalise $\sqrt{6}/\sqrt{2}$. [2 marks]

6. A rectangle has area 12 cm^2 and width $\sqrt{3}$ cm. Find its exact length. [3 marks]