Practice worksheet | Exponential relationships

Exact and approximate values

Name: _____ Date: _____

6 questions | 14 marks

1. Write $\sqrt{32}$ in simplest exact form. [2 marks]

2. Round $\sqrt{7}$ to 3 decimal places. [2 marks]

3. Find exactly $(3\sqrt{5})^2$. [2 marks]

4. Compare $\pi \times 10$ using exact π with using 3.14. Give the two decimals to 3 places. [3 marks]

5. A square has diagonal 10 cm. Find its side exactly and to 2 decimal places. [3 marks]

6. Is 0.333 exactly equal to $\frac{1}{3}$? Explain. [2 marks]