Year 8 Decimals – Developing

HappyKids.fit

Year 8 · Maths · Decimal Calculations and Ordering · Level 2 Developing · 10 questions

Name _____ **Date** _____

A. Use decimals

1. Which of these values of x satisfy $-1.3 \leq x < 1.6$? 0, 1.55, 1.7, −1.4, −1.25

Answer _____

2. Which of these values of x satisfy $-1.6 \leq x \leq 1.9$? −1.7, 0, −1.55, 2, 1.9

Answer _____

3. Estimate 4.3×5.7 by rounding each number to the nearest whole number. Then work out the exact answer.

Answer _____

4. Estimate 5.2×5.5 by rounding each number to the nearest whole number. Then work out the exact answer.

Answer _____

5. Fabric costs $6.22 per metre. How much do 1.9 m cost?

Answer _____

6. A rope 8.4 m long is cut into pieces 1.2 m long. How many pieces are there?

Answer _____

7. A room needs 7.8 litres of paint. Paint is sold in 2.5 litre tins. How many tins must be bought?

Answer _____

8. 0.59 × 45 = ? Answer _____

9. 3.78 ÷ 0.7 = ? Answer _____

10. Kofi says −0.4 > −0.38 because 4 tenths is more than 3 tenths. Spot the mistake and write the correct statement.

Answer _____