

Multiplying Decimals, Fractions and Negative Numbers

Year 8 · Arithmetic · y8-mul-integers

Name: _____

Date: _____

Class: _____

Score: ____ / ____

Instructions

Answer every question in Practice. Try the Challenge section once Practice is complete. 10 questions in total.

Practice

1. Work out -2.5×6 .

2. Work out 0.4×0.7 .

3. Work out -3.6×-2 .

4. Work out $-\frac{1}{2} \times \frac{2}{5}$.

5. A recipe needs 2.5 kg of flour per batch. How much flour is needed for 6 batches?

6. Work out 0.25×8.4 .

7. Which one is correct: $-6 \times 4.5 = -27$ or $-6 \times 4.5 = 27$? Type the correct answer only.

8. Count the total decimal places in both numbers to place the decimal point. Work out 1.2×0.3 .

Challenge

1. Work out $-0.8 \times 1.5 \times -2$.

2. Work out $2\frac{1}{4} \times -1\frac{1}{3}$.