

Fractions of Quantities

Calculate fractions of whole-number quantities and use fraction reasoning in practical contexts.

Student Name _____	Class / Section _____ —	Date _____ —	Worksheet MYP1-MATH -05
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MYP APPROACH

Understand • Apply • Reason • Reflect

A. FIND THE PART

1. $\frac{1}{2}$ of 36 = _____

2. $\frac{3}{4}$ of 28 = _____

3. $\frac{2}{5}$ of 45 = _____

4. $\frac{5}{6}$ of 42 = _____

B. REAL-LIFE

5. A class has 32 students. $\frac{3}{8}$ join a sports club. How many students?

6. A 60-page book has $\frac{2}{5}$ read. How many pages have been read?

7. A farmer plants $\frac{3}{10}$ of 90 seeds in one bed. How many seeds?

8. A 2 L bottle is $\frac{3}{4}$ full. How much liquid is in it?

Fractions of Quantities — continued

C. REVERSE THINKING

9. $\frac{3}{4}$ of a number is 27. What is the number?
10. $\frac{2}{5}$ of a quantity is 18. Find the whole quantity.
11. Explain why finding $\frac{1}{5}$ first can help you find $\frac{3}{5}$.
12. Write a real-life problem involving $\frac{2}{3}$ of a quantity and solve it.

SELF-CHECK ☐ I showed working ☐ I checked my answer ☐ I can explain my strategy ☐ I used mathematical language