

Ratio Reasoning

Practice — ANSWER KEY

Missing values and fair shares.

Think: To share in a ratio: add the parts, find the size of ONE part, then multiply.

1. Answers with the thinking.

1) 7 identical notebooks cost \$21. How much does ONE notebook cost? **\$3**

↳ $21 \div 7$

3) The ratios 1 : 3 and 2 : ? are equal. What is the missing number? **6**

↳ both parts $\times 2$

5) 18 candies are shared between two friends in the ratio 1 : 5. How many does the FIRST friend get? **3**

↳ 6 parts; each part = 3

7) The ratios 2 : 1 and 8 : ? are equal. What is the missing number? **4**

↳ both parts $\times 4$

9) 10 candies are shared between two friends in the ratio 1 : 4. How many does the FIRST friend get? **2**

↳ 5 parts; each part = 2

2) 40 candies are shared between two friends in the ratio 3 : 5. How many does the FIRST friend get? **15**

↳ 8 parts; each part = 5

4) 5 identical notebooks cost \$25. How much does ONE notebook cost? **\$5**

↳ $25 \div 5$

6) The ratios 3 : 2 and 15 : ? are equal. What is the missing number? **10**

↳ both parts $\times 5$

8) 4 identical notebooks cost \$12. How much does ONE notebook cost? **\$3**

↳ $12 \div 4$

10) The ratios 1 : 4 and 6 : ? are equal. What is the missing number? **24**

↳ both parts $\times 6$