

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) 4 identical notebooks cost \$8. How much does ONE notebook cost? **\$2**

↳ $8 \div 4$

- 3) 18 candies are shared between two friends in the ratio 2 : 1. How many does the FIRST friend get? **12**

↳ 3 parts; each part = 6

- 5) 3 identical notebooks cost \$6. How much does ONE notebook cost? **\$2**

↳ $6 \div 3$

- 7) The ratios 2 : 5 and 4 : ? are equal. What is the missing number? **10**

↳ both parts $\times 2$

- 9) 6 identical notebooks cost \$54. How much does ONE notebook cost? **\$9**

↳ $54 \div 6$

- 2) The ratios 5 : 2 and 25 : ? are equal. What is the missing number? **10**

↳ both parts $\times 5$

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

↳ both parts $\times 2$

- 6) 7 identical notebooks cost \$42. How much does ONE notebook cost? **\$6**

↳ $42 \div 7$

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

↳ both parts $\times 2$

- 10) 6 identical notebooks cost \$36. How much does ONE notebook cost? **\$6**

↳ $36 \div 6$