

Name: _____ Date: _____

Split the Bonus Fairly

GRADE 4

MATHEMATICS

B2.6

B2.5

Use multiplication to project pay, then divide bonuses fairly. When amounts do not split evenly, show the remainder as a fraction.

PART A: PROJECT THE PAY

1. A class job pays \$24 each week for 10 weeks. Total pay is \$_____.
2. A helper role pays \$18 each week for 6 weeks. Total pay is \$_____.
3. A reward bundle costs \$15 each and you buy 8 bundles. Total cost is \$_____.
4. A savings challenge adds \$32 per week for 5 weeks. Total saved is \$_____.

PART B: SPLIT THE BONUS

5. The class earns a \$550 bonus to share equally among 4 teams. How much does each team get? Write any remainder as a fraction.

SHOW YOUR WORK

Answer: _____

6. A \$365 bonus is shared equally among 6 table groups. How much per group, with remainder as a fraction?

SHOW YOUR WORK

Answer: _____

7. A class fund of \$248 is split among 5 students. How much does each student receive?

SHOW YOUR WORK

Answer: _____

PART C: CHECK THE REASONING

8. Which statement is correct for $432 \div 3$?
(A) 143 remainder 1 (B) 144 exactly (C) 140 remainder 12
9. A bonus of \$700 is split among 8 groups. Which answer is correct?
(A) \$87 $\frac{4}{8}$ (B) \$86 $\frac{7}{8}$ (C) \$90
10. Which expression models 9 weeks of earning \$27 per week?
(A) $27 + 9$ (B) 27×9 (C) $27 \div 9$

PART D: FAIR SPLIT PLAN

11. Your class earns a bonus of \$425. Choose a number of groups (between 3 and 8), divide the bonus equally, and explain how you would handle any fractional remainder fairly.

SHOW YOUR WORK

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ANSWER KEY

1. 240
2. 108
3. 120
4. 160
5. \$137 $\frac{1}{2}$ each ($550 \div 4 = 137$ remainder 2, and $2/4 = 1/2$)
6. \$60 $\frac{5}{6}$ each ($365 \div 6 = 60$ remainder 5)
7. \$49 $\frac{3}{5}$ each ($248 \div 5 = 49$ remainder 3)
8. B — 144 exactly
9. A — \$87 $\frac{4}{8}$
10. B — 27×9
11. Example with 5 groups: $425 \div 5 = \$85$ exactly, so each group gets \$85. If there were a remainder, convert it to a fraction and decide a fair rule before awarding.

TEACHER NOTES

Use this with class bonus discussions. Students should compute equal shares on paper before teacher payout in ClassCents, and explain how remainder fractions support fair decisions.