

Name: _____ Date: _____

Percent Deals and Savings Goals

GRADE 6

MATHEMATICS

B2.3

F1.2

Use benchmark percent strategies (1%, 5%, 10%, 15%, 25%, 50%) to solve each classroom economy problem mentally, then confirm your result.

PART A: BENCHMARK PERCENT MOVES

1. A reward costs \$48. On a 25% discount day, what is the discount and the sale price?

SHOW YOUR WORK

Answer: _____

2. Maya has a balance of \$72. She saves 15% this week. How much does she set aside?

SHOW YOUR WORK

Answer: _____

3. A class bonus adds 10% to each paycheck. Leo's paycheck is \$35. What is his bonus and new total?

SHOW YOUR WORK

Answer: _____

4. A store item is \$64. During a 50% flash sale, what is the new price?

SHOW YOUR WORK

Answer: _____

5. Priya needs \$120 for a goal. She has \$84. What percent of the goal has she reached?

SHOW YOUR WORK

Answer: _____

6. Jordan plans to save 5% of a \$96 balance each week. How much is that per week?

SHOW YOUR WORK

Answer: _____

PART B: BUILD YOUR GOAL PLAN

7. Choose a reward goal between \$80 and \$200. Show your current balance, the remaining amount, and a weekly plan using at least one percent strategy (for example, save 10% of your balance each week or use a 25% discount estimate).

SHOW YOUR WORK

Percent Deals and Savings Goals

ANSWER KEY

1. Discount is \$12 (25% of 48). Sale price is \$36 ($48 - 12$).
2. \$10.80 (10% is \$7.20 and 5% is \$3.60, so 15% is \$10.80).
3. Bonus is \$3.50. New total is \$38.50.
4. \$32 (half of \$64).
5. 70% ($84/120 = 0.70$).
6. \$4.80 (10% is \$9.60, so 5% is half).
7. Example: Goal \$150, current \$90, remaining \$60. Save 10% of \$90 (\$9) each week and add a \$6 job bonus to reach \$60 in about 4 weeks.

TEACHER NOTES

Use this with a real class discount or bonus event. Have students explain their percent strategy out loud before checking the exact numbers in ClassCents.