

CHAPTER 6 Cumulative Practice Test--Part 2
Sixth Grade

1. On average middle school students spend $\frac{1}{5}$ of their day at passing period or lunch. If they are in school $6\frac{1}{2}$ hours a day, how much time is spent in recess or lunch?
Show your work below.

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2. Tommy has $7\frac{1}{2}$ gallons of water available. How many $\frac{1}{4}$ gallon water bottles can he fill with this water?
Show your work below.

3. Estimate $2\frac{1}{16} + 7\frac{9}{11}$
Show your work below.

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4. Add or subtract. Put your answer in simplest form.
 $\frac{5}{9} + \frac{2}{3} - \frac{1}{6}$

5. One recipe calls for $1\frac{3}{4}$ cups of flour, and the second uses $2\frac{2}{3}$ cups. How much flour will it take for both recipes?
Show your work below.

7. The Art Club has 6 boys, 9 girls, and 2 advisors. Write the ratio of boys to girls in all three forms.

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8. Write a ratio equivalent to 3 to 8.

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6. Solve the equation below and put your answer in simplest form.
Show your work and show all steps.

$$m - \frac{5}{6} = \frac{3}{12}$$

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9. Use cross products to solve:
Show your work below.

$$\frac{x}{2} = \frac{18}{6}$$

10. Convert 108 inches into yards.
Show your work below.

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11. Write 68% as a decimal and a fraction in simplest form.
Show your work below.

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12. Last season Karen made 84% of her free throws. If she attempted 59 free throws all season, estimate how many free throws she made.
Show your work below.

13. Twenty percent of drum sets are sold to women. If 160 sets were sold, how many were purchased by women?

Show your work below.

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14. Bernie already spent \$6.20 of his paycheck. If this was 20% of his paycheck, how much was he paid?

15. A \$65 skateboard is on sale for 20% off. Find the sale price.
Show your work below:

18. Find 125% of 80.
Show your work below.

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16. How much simple interest will Derek earn on an investment of \$300 if he invests it for 4 years at 6% interest?
Show your work below.

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19. What is the percent of change if 72 is decreased to 48?

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20. How many years will it take \$4,000 to double at a simple interest rate of 2%?
Show your work below.

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17. What is 0.2378 written as a percent?