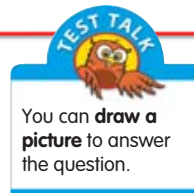


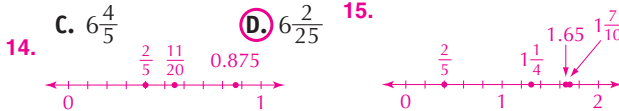


MULTIPLE CHOICE

1. On a number line, which decimal would you put between $\frac{2}{5}$ and $\frac{35}{50}$? (7-14)
- A. 0.2 B. 0.32 C. 0.625 D. 0.71
2. Which shows 6.08 as a mixed number in simplest form? (7-13)
- A. $\frac{2}{25}$ B. $6\frac{8}{100}$ C. $6\frac{4}{5}$ D. $6\frac{2}{25}$ 15.



FREE RESPONSE



Write a decimal and a fraction in simplest form for the shaded portion of each model. (7-13)

3. $0.72, \frac{18}{25}$
4. $0.625, \frac{5}{8}$
5. $0.75, \frac{3}{4}$

Write each decimal as a fraction or mixed number in simplest form. (7-13)

6. 0.5 $\frac{1}{2}$ 7. 7.125 $7\frac{1}{8}$ 8. 1.24 $1\frac{6}{25}$ 9. 0.46 $\frac{23}{50}$

Write each fraction or mixed number as a decimal. (7-13)

10. $\frac{8}{25}$ 0.32 11. $4\frac{9}{10}$ 4.9 12. $\frac{3}{8}$ 0.375 13. $5\frac{1}{20}$ 5.05

Show each set of numbers on the same number line. Then order the numbers from least to greatest. (7-14) **See above for number lines.**

14. $0.875, \frac{11}{20}, \frac{2}{5}, \frac{2}{5}, \frac{11}{20}, 0.875$ 15. $1\frac{7}{10}, 1\frac{1}{4}, \frac{2}{5}, 1.65, \frac{2}{5}, 1\frac{1}{4}, 1.65, 1\frac{7}{10}$

16. Nick, Amy, and Maria play either softball, tennis, or badminton. Amy's sport does not require a ball. Nick's sport does not require a net. Use the chart and logical reasoning to find who plays each sport. (7-15, 7-16)

	softball	tennis	badminton
Nick	Yes	No	No
Amy	No	No	Yes
Maria	No	Yes	No

Nick; softball; Amy: badminton; Maria: tennis

Writing in Math

17. **Sample answer: The fractional part of the mixed number can be converted into a decimal by dividing the numerator by the denominator.**

17. Explain how a mixed number and a decimal can name the same point on a number line. (7-14) **See above.**
18. Explain how to write 4.7 as a mixed number. (7-13)
Since the 7 is in the tenths place, 4.7 can be written as $4\frac{7}{10}$.