



## MULTIPLE CHOICE

1. Which fraction names the shaded part? (7-1)



- A.  $\frac{3}{4}$       B.  $\frac{4}{3}$       C.  $\frac{3}{7}$       D.  $\frac{4}{7}$

2. Which fraction is the best estimate for the shaded part? (7-4)



- A.  $\frac{1}{4}$       B.  $\frac{1}{3}$       C.  $\frac{2}{3}$       D.  $\frac{11}{12}$



## Think It Through

It is important to **understand vocabulary**, like the word *estimate*.

## FREE RESPONSE

Give each answer as a fraction. (7-2)

3.  $3 \div 10$     $\frac{3}{10}$       4.  $11 \div 12$     $\frac{11}{12}$       5.  $1 \div 5$     $\frac{1}{5}$       6.  $3 \div 8$     $\frac{3}{8}$

Write each improper fraction as a mixed number. (7-3)

7.  $\frac{22}{4}$     $5\frac{2}{4}$       8.  $\frac{17}{2}$     $8\frac{1}{2}$       9.  $\frac{26}{6}$     $4\frac{2}{6}$       10.  $\frac{49}{8}$     $6\frac{1}{8}$

Write each mixed number as an improper fraction. (7-3)

11.  $4\frac{9}{10}$     $\frac{49}{10}$       12.  $7\frac{1}{3}$     $\frac{22}{3}$       13.  $9\frac{2}{7}$     $\frac{65}{7}$       14.  $7\frac{5}{6}$     $\frac{47}{6}$

Draw a number line to show each set of numbers. Then order the numbers from least to greatest. (7-5) **See margin for number line art.**

15.  $\frac{5}{4}, 1\frac{3}{4}, \frac{3}{4}, \frac{3}{4}, \frac{5}{4}, 1\frac{3}{4}$       16.  $\frac{5}{7}, \frac{1}{7}, \frac{8}{7}, \frac{1}{7}, \frac{5}{7}, \frac{8}{7}$       17.  $\frac{7}{3}, 1\frac{1}{3}, \frac{2}{3}, \frac{2}{3}, 1\frac{1}{3}, \frac{7}{3}$

For 18–19, use the information at the right. Decide if the problem has extra or missing information. Solve if you have enough information. (7-6)

18. Wilbur has \$15. Will he have enough money to buy everyone in his family an admission ticket?

**Missing information**

19. Lisa has \$7. Carolyn has \$8. Will Lisa have enough money for an admission ticket and the dolphin show?
- Extra information; Yes, Lisa will have enough money.**

## TICKET PRICES

ITEM	PRICE
Admission	\$3.25
Tram	\$1.50
Dolphin Show	\$2.25

## Writing in Math

20. **Sample answer: For a party, Mary orders 4 vegetable pizzas and 5 pepperoni pizzas. What fraction of the pizzas are vegetable pizzas?**

20. Write a problem about pizza with an answer of
- $\frac{4}{9}$
- . (7-1)

**See above.**

21. Explain what steps you can use to change a mixed number to an improper fraction. (7-3)

**Multiply the denominator by the whole number, then add the numerator. Write the result as the new numerator. The denominator remains unchanged.**