

Click the print button from your browser.



## Chapter 7 Section A Diagnostic Checkpoint

### 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.  $\frac{11}{12}$



**TEST TALK**

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

### FREE RESPONSE

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

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

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

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

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

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

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

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

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?
19. Lisa has \$7. Carolyn has \$8. Will Lisa have enough money for an admission ticket and the dolphin show?

### TICKET PRICES

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

### Writing in Math

20. Write a problem about pizza with an answer of  $\frac{4}{9}$ . (7-1)
21. Explain what steps you can use to change a mixed number to an improper fraction. (7-3)