

# Math in Minutes Math in Minutes

Name \_\_\_\_\_

5R 5D 5C

**LEVEL 1**

#10

NUMBERS AND OPERATIONS

- 1 Which is the best estimate for the problem below? Explain your choice.

$$\frac{3}{10} + \frac{4}{9} = n$$

A. Greater than 1      B. Less than 1

NUMBERS AND OPERATIONS

- 2 Which fraction does not belong in each group? Explain how you know.

A.  $\frac{4}{6}, \frac{7}{9}, \frac{2}{3}, \frac{8}{12}$

B.  $\frac{1}{5}, \frac{5}{25}, \frac{3}{15}, \frac{4}{16}$

C.  $\frac{3}{24}, \frac{5}{45}, \frac{1}{8}, \frac{7}{56}$

NUMBERS AND OPERATIONS

- 3 Bryce's band director wants him to practice four hours each week. Bryce has practiced for 45 minutes five different times this week. Does he still need to practice? Why or why not?



MEASUREMENT

- 4 Maggie wants to convert a measurement from cups to pints. Which operation should she use? How do you know?

multiplication

addition

subtraction

division



DATA ANALYSIS AND PROBABILITY

- 5 Karsen is ready to wrap her mom's present. How many possible combinations are there if she uses one type of paper and one color of ribbon? Explain.

**wrapping paper: flowers, hearts, polka dots, stripes**

**ribbon: pink, purple, blue, yellow, red**

ALGEBRA

- 6 Find the value of  $x$  and of  $y$  to make both equations true. Explain how you found your answers.

$$x + y = 20$$

$$y - x = 10$$