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Tennessee Comprehensive Assessment Program  
TCAP

**TNReady — Grade 4 Math Part I**

**PRACTICE TEST**

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Student Name

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Teacher Name



Tennessee Department of Education

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### Directions

This Practice Test booklet contains sample items for Grade 4 Math. Write your answers in this Practice Test booklet.

**You MAY use a calculator with all test items in this test booklet.**

### Sample A: Selected-Response

Circle the **three** expressions that have a value of 12.

- A.  $2 \times 6$
- B.  $5 \times 8$
- C.  $7 \times 2$
- D.  $4 \times 3$
- E.  $1 \times 12$

### Sample B: Match

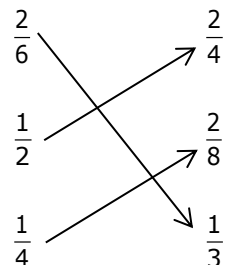
Draw lines to match each fraction on the left with its equivalent fraction on the right.

$\frac{2}{6}$	$\frac{2}{4}$
$\frac{1}{2}$	$\frac{2}{8}$
$\frac{1}{4}$	$\frac{1}{3}$

### Sample Answers

A. A, D, E

B.





1. Which comparison is true?

A.  $4.14 = 4.41$

B.  $1.32 < 1.29$

C.  $0.62 > 6.1$

D.\*  $16.02 < 16.20$

2. Joey's dad is baking a cake. The recipe calls for two cups of flour. He has a scoop that measures  $\frac{1}{4}$  cup.

How many  $\frac{1}{4}$ -cup scoops of flour will he need to make the cake?

A. 2

B. 4

C. 6

D.\* 8



3. Caleb baked 12 batches of chocolate chip cookies. There were 16 cookies in each batch.

Write an equation in the space provided to find the total number of cookies,  $c$ , that Caleb baked.

$$12 \times 16 = c \quad \text{OR} \quad c = 16 \times 12$$

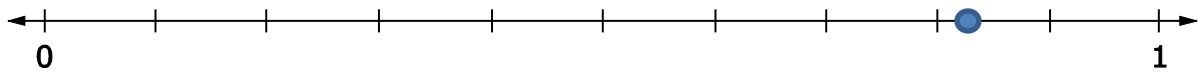
OR any equivalent equation

How many cookies did Caleb bake?

Write your answer in the space provided.

192

4. Place a point on the number line to show 0.83.



5. Select **all** fractions that are less than  $\frac{3}{5}$ .

A.\*  $\frac{1}{3}$

B.\*  $\frac{2}{8}$

C.  $\frac{5}{6}$

D.  $\frac{2}{3}$

E.\*  $\frac{5}{10}$



6. The middle-school volleyball team plays games on Tuesday and Thursday afternoons. The table below shows the amount of money collected during some of the games for the first four weeks of the season. Each week, the amount collected on Thursday was two times as much as the amount collected on Tuesday.

	Tuesday	Thursday
Week 1		\$336
Week 2	\$100	
Week 3		\$424
Week 4	\$216	

**Part A**

How much money was collected during the week 2 Thursday game and during the week 4 Thursday game?

Thursday, Week 2:

\$ 200

Thursday, Week 4:

\$ 432

**Part B**

How much money was collected during the week 1 Tuesday game and during the week 3 Tuesday game?

Tuesday, Week 1:

\$ 168

Tuesday, Week 3:

\$ 212

**Part C**

Each ticket costs \$4. Write an equation that can be used to figure out how many total tickets,  $x$ , were sold for the week 1 Tuesday game.

$168 \div 4 = x$  OR  $4 \times x = 168$  OR any equivalent equation  
OR (student answer from week 1)  $\div 4 = x$

**Part D**

How many total tickets were sold during week 4?

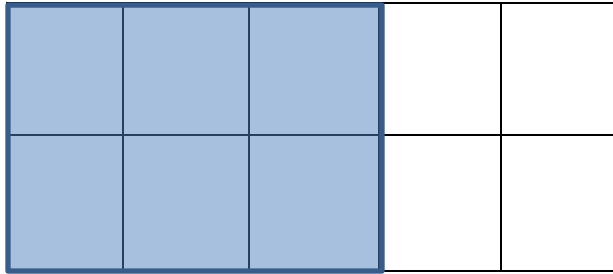
162 OR  $(216 + \text{student answer for week 4}) \div 4 = x$



7. Bert has 751 tickets to trade in for prizes at the fair. He picks a hat that costs 175 tickets and a teddy bear that costs 3 times as many tickets as the hat.
- Select **all** of the true statements.
- A. Bert has 226 tickets left.
  - B.\* Bert spends a total of 700 tickets.**
  - C.\* The teddy bear costs 525 tickets.**
  - D. The number of tickets that Bert has left is greater than the cost of the hat.
  - E.\* Bert has 51 tickets left.**
8. Select **all** the numbers that have a digit in the ten thousands place that is 10 times the digit in the thousands place.
- A. 221,462
  - B.\* 255,731**
  - C.\* 266,894**
  - D. 220,446
  - E.\* 277,580**
9. Ramona bought 17 T-shirts for the soccer team. Each T-shirt cost \$12. What was the total cost of the T-shirts?
- A. \$29
  - B. \$84
  - C.\* \$204**
  - D. \$294



10. Shade the fraction model to show a fraction that is equivalent to  $\frac{3}{5}$ .



11. For each number, draw an **X** in the chart to show if it is greater than 70,461 or less than 70,461.

	<b>Greater Than 70,461</b>	<b>Less Than 70,461</b>
70,460		<b>X</b>
70,453		<b>X</b>
71,012	<b>X</b>	
75,122	<b>X</b>	
69,989		<b>X</b>
70,362		<b>X</b>