

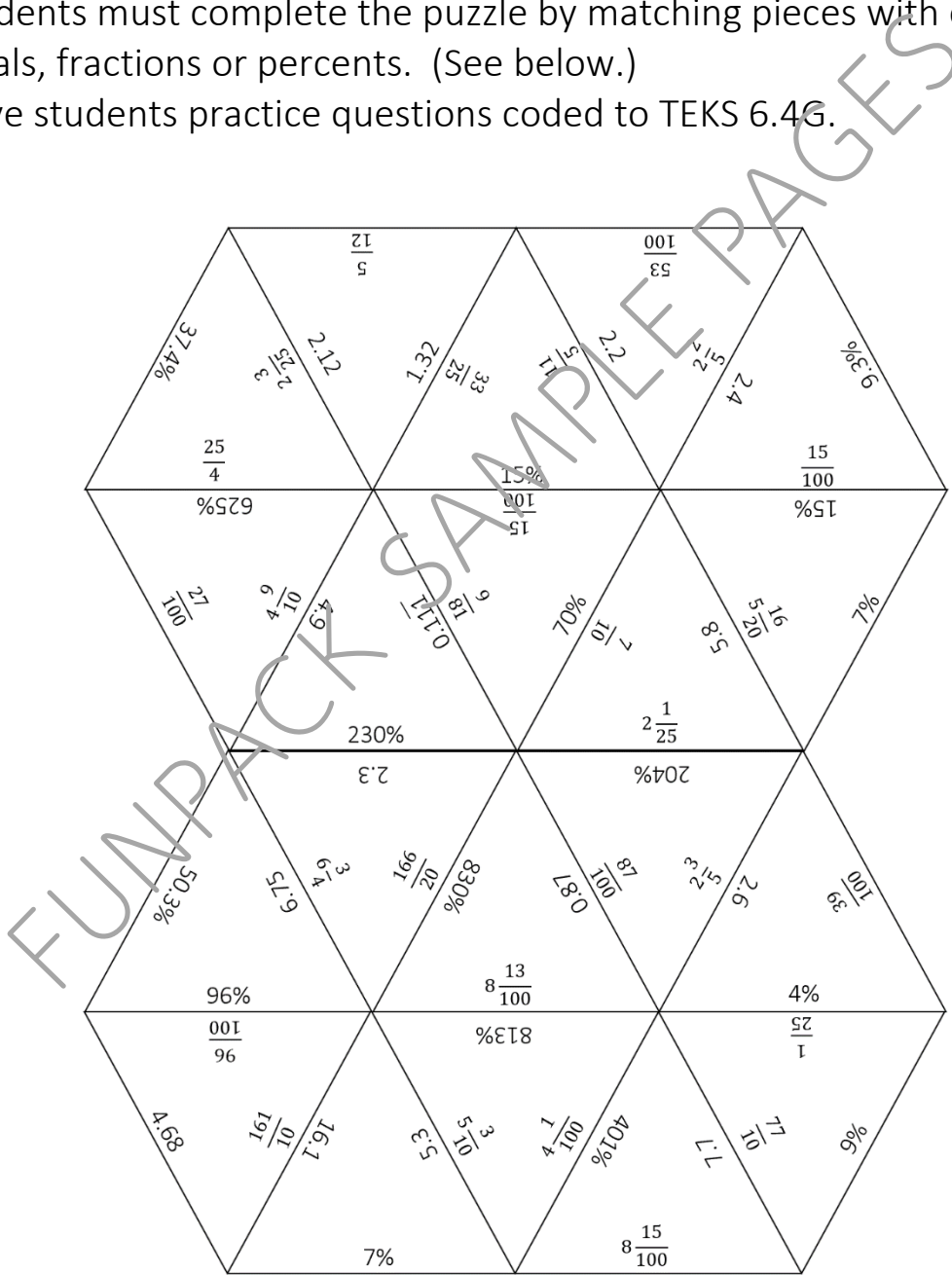
# Grade 6 FUNPACK

TEKS 6.4G generate equivalent forms of fractions, decimals, and percents using real-world problems, including problems that involve money.

## Activity Directions:

Items Needed: *Percents, Fractions and Decimals* puzzle, scissors, glue

1. Copy the activity for each student or partner group.
2. Students must complete the puzzle by matching pieces with equivalent decimals, fractions or percents. (See below.)
3. Have students practice questions coded to TEKS 6.4G.

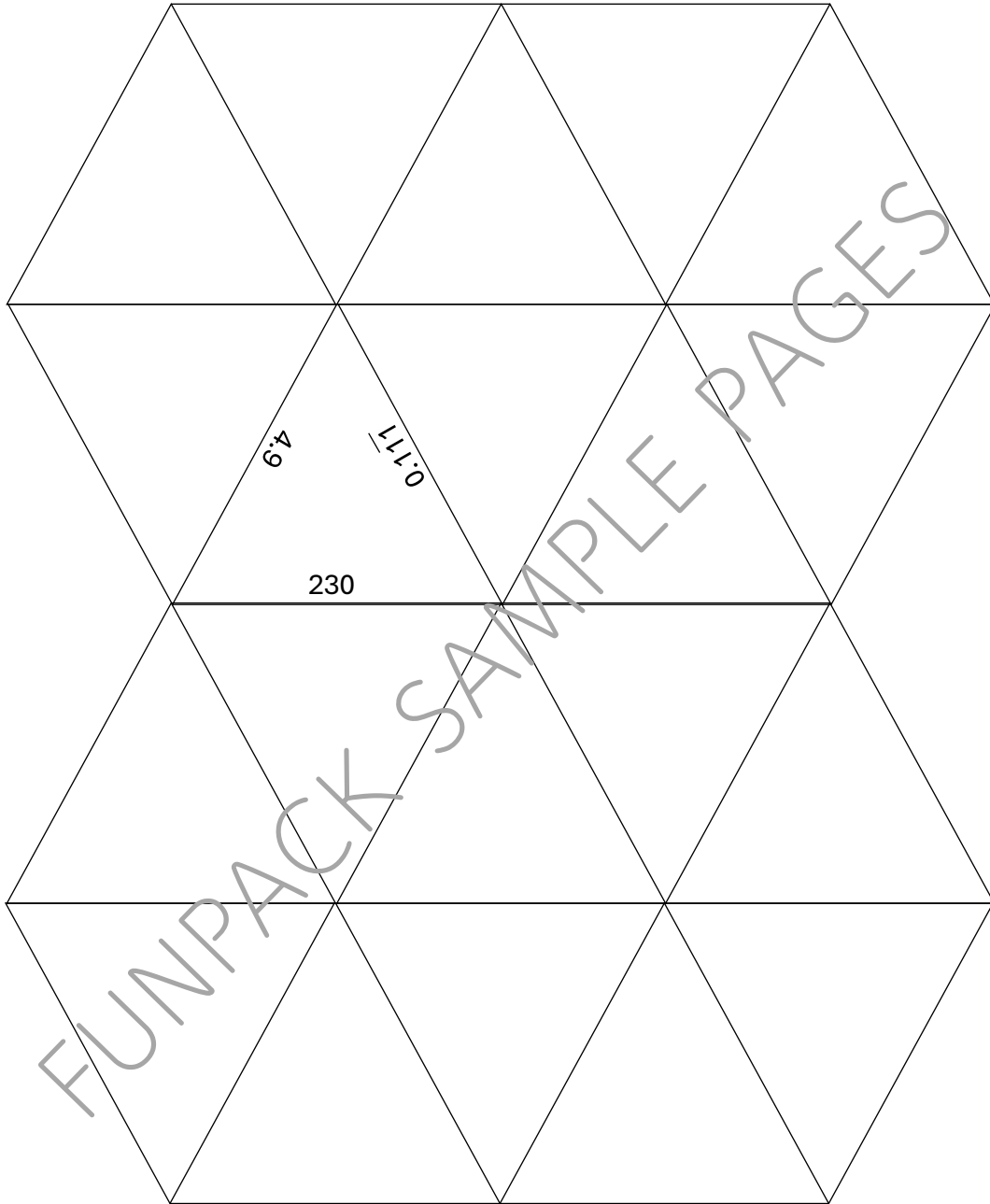


Name \_\_\_\_\_

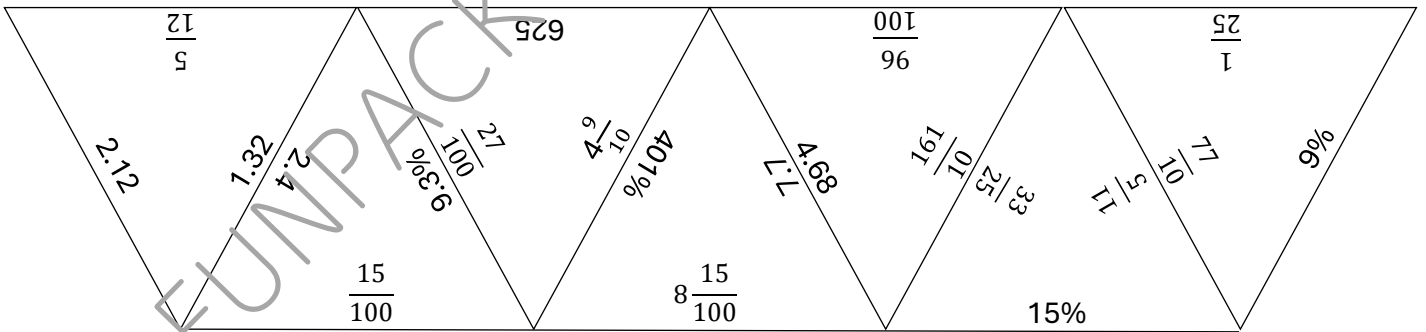
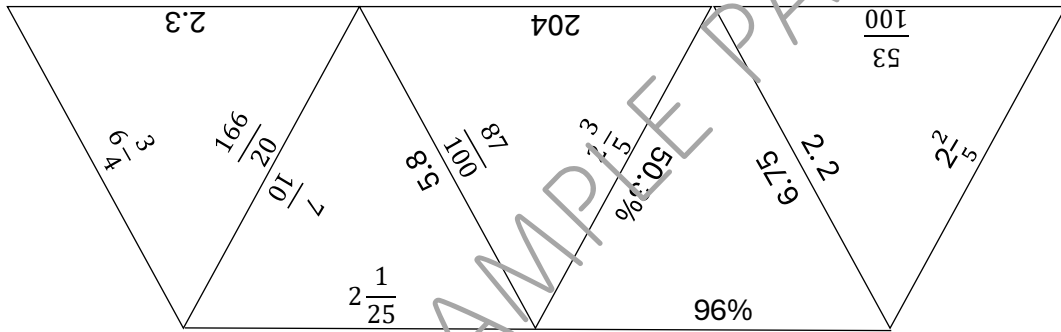
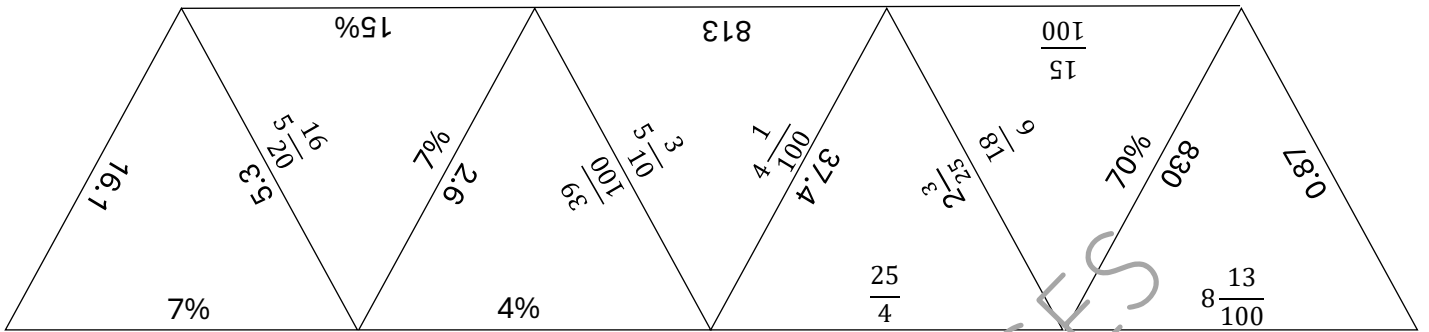
Date \_\_\_\_\_

### *Percents, Fractions and Decimals*

Place the triangles on the template so that equivalent fractions, decimals and percents are aligned.



Cut apart the triangle pieces and place on the design so that equivalent fractions, decimals and percents are aligned.



Name \_\_\_\_\_

Date \_\_\_\_\_

TEKS 6.4G *generate equivalent forms of fractions, decimals, and percents using real-world problems, including problems that involve money.*

TEKS 6.4G Mini-Assessment

1. Sixty-eight percent of the 7<sup>th</sup> grade students at Palmer Middle School play a sport. What fraction of the 7<sup>th</sup> grade students play a sport?

- (A)  $\frac{13}{20}$
- (B)  $\frac{17}{25}$
- (C)  $\frac{2}{3}$
- (D)  $\frac{6}{10}$

2. Ms. Taylor surveyed 32 students in her homeroom class. Twenty-four of the students had access to the internet at home. What decimal is equivalent to the fraction of students that have access to the internet at home.

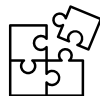
Enter your answer in the box.

3. Liam's family worked together to assemble a 500-piece puzzle. The table below shows the number of puzzle pieces each family member connected to complete the puzzle.

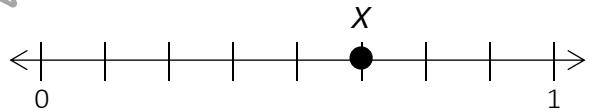
Family Member	Number of Pieces
Liam	150
Jordan	85
Cristian	90
Pablo	175

Which percentage is equivalent to the portion of the puzzle that Liam and Cristian completed?

- (A) 53%
- (B) 38%
- (C) 51%
- (D) 48%



4. Point X is graphed on the number line below.



What fraction and decimal represent the location of point X?

- (A)  $\frac{5}{8}$  and 0.625
- (B)  $\frac{1}{2}$  and 0.50
- (C)  $\frac{6}{9}$  and 0.667
- (D)  $\frac{3}{4}$  and 0.75

5. A nail technician earned an 18% tip from a customer. What decimal is equivalent to 18%.

Enter your answer in the box.

6. Elizabeth checked the weather app on her phone to see the chances of rain on Saturday. There is a 3 in 8 chance of rain. Which value is equivalent to the chance of rain on Saturday?

- (A) 3.75
- (B)  $\frac{375}{10}$
- (C) 0.375
- (D)  $\frac{100}{375}$

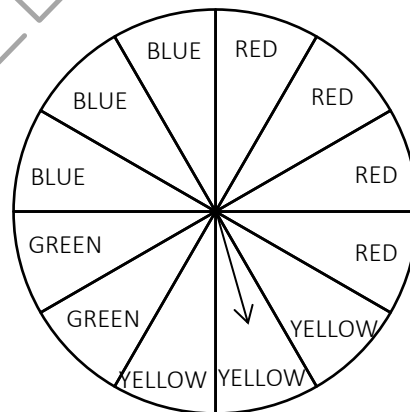


7. Sofia deposited \$45 of the \$125 that she earned from babysitting into her saving account.

Which decimal represents the fraction of money Sofia deposited into her savings account?

- (A) 0.20
- (B) 0.36
- (C) 0.27
- (D) 0.40

8. A spinner is shown below.



What decimal and percent represent the portion of the spinner that is made up of yellow pieces?

- (A) 0.25 or 25%
- (B) 0.75 or 75%
- (C) 0.33 or 33%
- (D) 3.12 or 31.2%

9. At the local bakery, 24 of 40 cupcakes had sprinkles on them. Which value does NOT represent the part of the cupcakes that have sprinkles on them?

- (A)  $\frac{3}{5}$
- (B) 60%
- (C) 0.06
- (D)  $\frac{21}{35}$

10. Mr. Lee found the coins below inside his car.



Which of the following sets of numbers represent the value of the coins Mr. Lee found?

- (A) 0.103, 10.3%,  $10\frac{3}{100}$
- (B) 1.03, 10.3%,  $1\frac{3}{100}$
- (C) 1.30, 130%,  $1\frac{3}{10}$
- (D) 1.03, 103%,  $\frac{103}{100}$

FUNPACK SAMPLE PAGES