7th Grade
Jan 25, 2021

Today we will:

-work on in-class activity: task cards on percent

HOMEWORK:

ALEKS assignment: 60 min and 5 topics due Monday by 11:59pm
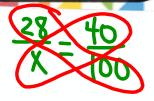
Task Cards:

#1
Caroline took a math test and got 19 out of 25 questions correct. What percent of the questions did she answer correctly? What percent did she answer incorrectly?
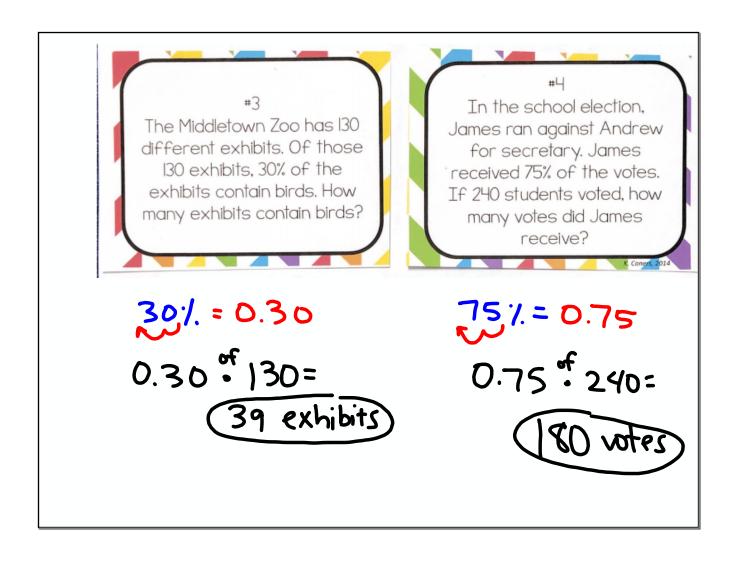
#2
There is a jar of jellybeans on Principal Cooper's desk. 40% of the jellybeans are red. There are 28 red jellybeans. How many jellybeans are there in all?
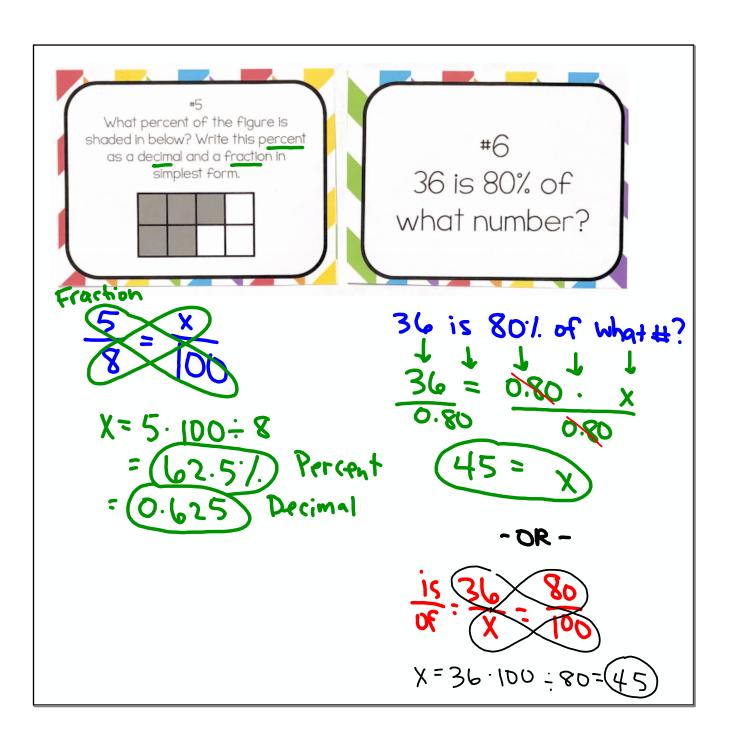
$$\frac{19}{25} \times \frac{4}{4} = \frac{76}{100} = 76\% \text{ correct}$$

$$100 - 76 = 24\% \text{ incorrect}$$

$$\frac{28}{X} = \frac{40}{100}$$

$$X = 70 \text{ jelly beans}$$

#3
The Middletown Zoo has 130 different exhibits. Of those 130 exhibits, 30% of the exhibits contain birds. How many exhibits contain birds?

#4
In the school election, James ran against Andrew for secretary. James received 75% of the votes. If 240 students voted, how many votes did James receive?

K. Coners, 2014

30% = 0.30

0.30 of 130 =

39 exhibits

75% = 0.75

0.75 of 240 =

180 votes

#5
What percent of the figure is shaded in below? Write this percent as a decimal and a fraction in simplest form.

#6
36 is 80% of what number?

Fraction

$$\frac{5}{8} = \frac{x}{100}$$

$$x = 5 \cdot 100 \div 8$$
$$= \boxed{62.5\%} \text{ Percent}$$
$$= \boxed{0.625} \text{ Decimal}$$

36 is 80% of what #?

$$\frac{36}{0.80} = \frac{0.80 \cdot x}{0.80}$$

$$\boxed{45 = x}$$

- OR -

$$\frac{is}{of} = \frac{36}{x} = \frac{80}{100}$$

$$x = 36 \cdot 100 \div 80 = \boxed{45}$$

#7
Jenna and Richie go shopping at the mall to buy their mom a present. They buy a scarf for $12.45 and a necklace for $35.65. Their state charges 8% sales tax. How much does sales tax do Jenna and Richie pay on the gifts they bought? Round your answer to the nearest cent.

#8
There are 75 students in the school band. 45 students play woodwind instruments. What percent of students play woodwinds?

$48.10

$0.08 \cdot 48.10 = \boxed{\$3.85}$

$$\frac{45}{75} = \frac{x}{100}$$

$$\boxed{x = 60\%}$$

January 25, 2021

TITLE: Percents

Math Chapter 6

Date	Lesson	Topic/Assignment
1-4	1	Using Percent Proportion Video Notes
1-5	1	HOMEWORK: HW Prac WS
1-5	1	CLASSWORK: Pg253 WS
1-6	2	Finding Percent Mentally Video Notes
1-7	2	HOMEWORK: Skills WS
1-7	2	CLASSWORK: Extra Practice WS
1-8	2	10% Rule Video Notes
1-11	3	Using Percent Equation Video Notes
1-12	3	HOMEWORK: Magnolia Riddle WS
1-12	3	CLASSWORK: Practice WS 6 Boxes
1-14	1-3	CLASSWORK: Reteach Packet
1-19	5	Discount and Markup Video Notes
1-20	5	CLASSWORK: Pg277 WS
1-25	5	CLASSWORK: Polka Dot Task Cards

Welcome to our class

IN THIS CLASSROOM WE DON'T give up, BUT WE DO give our best effort

HARD WORK PAYS OFF

WELCOME

7th Grade Homework

ALEKS