12/5/2024 Rescheduled from 9/26/2024 – Percents
Review of Unit 3 for Grade 6 Math (6R and 6A) – Fun theme: Shopping
Questions to follow along with show. Watch: [Math Homework Hotline](#)

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1) What is each fraction expressed as a percent? (MA.6.NSO.3.5)

Fraction	Decimal	Percent
$\frac{9}{15}$		
$\frac{13}{32}$		

2) What are five equivalent forms of 88%? (MA.6.NSO.3.5)

Fraction	Decimal	Percent
		88%

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3) What is $5\frac{7}{8}$ written as a percent? (MA.6.NSO.3.5)

Fraction	Decimal	Percent
$5\frac{7}{8}$		

4) What are the fraction and decimal values of the percents given? 234% and 1% (MA.6.NSO.3.5)

Fraction	Decimal	Percent
		234%
		1%

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5) Frank baked a variety of cookies for the fundraiser. He packed 80 boxes of cookies and noticed that 56 of the boxes had all chocolate chip cookies. What percent of the cookie boxes were all chocolate chip? (MA.6.AR.3.4)

Fraction	Decimal	Percent
$\frac{56}{80}$		

6) Busch Gardens has 84 beach towels in the gift shop. Sue realizes that 25% of them have a tiger graphic. How many beach towels have a tiger graphic? (MA.6.AR.3.4)

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7) Thirty five percent of Maggie's T-shirts are math shirts. If she has 20 T-shirts, how many of them are math shirts? (MA.6.AR.3.4)	8) Which is a better deal? (MA.7.NSO.1.2) ➤ $25 jeans with 10% off ➤ $30 jeans with 1/3 off
9) The average attendance so far this year for Kansas City Chiefs home games has been 73,584. Last year the average attendance of home games was 70,968. What is the percent change? Round to the nearest tenths, if necessary. (MA.7.AR.3.1)	10) List the following numbers in increasing order and graph them on a number line. (MA.7.NSO.1.2) $\frac{1}{5}$ -0.4 65% $-2\frac{1}{3}$ 2.75 $\frac{9}{7}$ $2.\overline{3}$
11) Miguel takes out a loan that adds interest each year on the initial amount. ➤ What is the interest Miguel will pay on the loan if he borrowed $5,000 at an annual interest rate of 4.5% for 15 years? ➤ What is the total he will pay at the end of the 15 years? Use the formula I = Prt, where I is the interest, P is the principal or initial investment, r is the interest rate per year, and t is the number of years. (MA.7.AR.3.1)	12) Dori lost her math textbook. The school charges a lost book fee of 70% of the original cost of the book. If Dori received a notice she owed the school $73.50 for the lost textbook, what was the original cost? (MA.7.AR.3.1)