

Percent Quiz Practice Test

72

% of a Number

Name: _____

#	Question Show your work.
1	What is 12 % of 250?
2	What is 18 % of 90?
3	What is 32 % of 62?
4	What is 45 % of 120?
5	What is 7 % of 350?
6	What is 60 % of 85?

	Ratio of boys to girls	Fraction of boys	Fraction of girls	Percentage of boys	Percentage of girls
a)	3 : 2	$\frac{3}{5}$	$\frac{2}{5}$	$\frac{3}{5} = \frac{60}{100} = 60\%$	40%
b)	1 : 4				
c)		$\frac{3}{4}$			
d)				20%	
e)		$\frac{27}{50}$			
f)	9 : 16				
g)			$\frac{11}{20}$		
h)					35%
i)				44%	

38

FRACTIONS TO DECIMALS & PERCENTS SHEET 2

FRACTION	DECIMAL	PERCENT
$\frac{27}{100}$		
$\frac{3}{8}$		
$\frac{2}{3}$		
$\frac{13}{50}$		
$\frac{81}{100}$		
$\frac{9}{10}$		

FRACTIONS, DECIMALS & PERCENTS SHEET 3



FRACTION	DECIMAL	PERCENT
$\frac{1}{4}$	0.25	
$\frac{4}{5}$		
$\frac{7}{10}$		70%
	0.3	
	0.9	
	0.24	

1. A backpack costs \$150. It is on sale for 5% off. What is the sale price?

2. A t-shirt costs \$160. After adding tax of 12%, what is the total price?

3. A laptop costs \$411. After adding tax of 12%, what is the total price?

4. A jacket costs \$138. After adding tax of 7%, what is the total price?

5. A jacket costs \$375. After adding tax of 12%, what is the total price?

6. A backpack costs \$135. It is on sale for 25% off. What is the sale price?

38. A book originally costs \$367. It is on sale for 25% off. After the discount, tax of 7% is added. What is the final price?

39. A video game originally costs \$51. It is on sale for 20% off. After the discount, tax of 12% is added. What is the final price?

40. A laptop originally costs \$271. It is on sale for 15% off. After the discount, tax of 7% is added. What is the final price?

Would You Rather... (Proportional Math Edition)

Show your work.

Answer the question and provide a reason why by showing your work.

1. Would you rather have 75% of \$200 or 50% of \$320?
How did you figure it out?

2. Would you rather eat $\frac{2}{3}$ of a 12-slice pizza or $\frac{3}{4}$ of a 10-slice pizza?
Which one gives you more slices?

3. Would you rather get 40% off a \$90 hoodie or 25% off a \$120 hoodie?
Which one saves you more money?