Name_____ Date_____ Period_____

LESSON 4-4 · SESSION 1 · PRACTICE · FORM A

Find the Percent of a Number

Learning target – I can find the percent of a number exactly. · 6.AT.4

REMEMBER

- Write the percent as a **decimal**: 6% = 0.06, not 0.6.
- **part = percent × whole.** The whole comes after "of."
- The rest = whole − part.

WORKED EXAMPLE

140 tickets; 45% are student tickets. How many?

Step 1 45% = 0.45

Step 2 0.45 × 140 = 63

Answer 63 student tickets

WORDS **part** *(parte)* · **whole** *(entero)* · **equation** *(ecuación)*

PRACTICE

show your work · label units

1. Find each part.

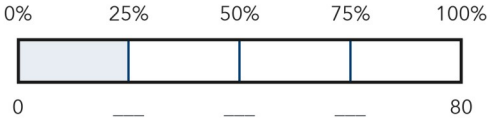
a. 25% of 80 = ____ **b.** 10% of 230 = ____ **c.** 60% of 35 = ____

d. 5% of 140 = ____ **e.** 80% of 55 = ____ **f.** 12% of 300 = ____

2. **Drink Vote.** 200 students voted: 30% milk, 55% water, and the rest juice. Fill in the table.

Drink	Percent	Decimal	Students
Milk	30%		
Water	55%		
Juice			

3. **Music Playlist.** 80 songs; 25% are new. Fill in the bar. How many are new?



Answer_____ songs

4. **Pizza Orders.** 160 pizzas sold; 35% were cheese. How many were cheese?

Hint *Multiply both numbers by 0.35.*

Percent	100%	35%
Pizzas	160	

Answer_____ pizzas

5. **Book Pages.** A book has 320 pages. Lena has read 65% of it.

a. Pages she has read _____ pages

b. Pages still left _____ pages

Show your work.

6. **Discount Claim.** A $48 jacket is 20% off. Sam says the discount is $20. Is he right? Write an equation.

Show your work.

Discount_____

7. School Garden. A garden has 180 seedlings. 40% are peppers and 35% are tomatoes.

Hint *What percent is left after 40% and 35%?*

a. How many are peppers? _____

b. How many are neither peppers nor tomatoes? _____

Show your work.

8. Concert Tickets. A hall has 1,200 seats. 65% of the seats sold, at $18 each.

Hint *Find the tickets sold first. Then multiply by the price.*

a. How many tickets sold? _____

b. How much money was collected? _____

c. How many seats were empty? What percent is that? _____

Show your work.

FIND THE ERROR

explain the mistake, then fix it

9. Hana's Work. To find 30% of $70, Hana multiplied 30 × 70 and wrote: "The part is $2,100." Explain her mistake. Then find 30% of $70.

TEST PRACTICE

choose the best answer

10. 20% of 150 is –

A 3 **B** 30 **C** 130 **D** 300

11. 45% written as a decimal is –

A 45 **B** 4.5 **C** 0.45 **D** 0.045

SELF-CHECK CODE

find your answer · copy its letter into that problem's box · spell a math word

108 X	45 A	560 Z	$9.60 M	$960 Q	780 L	112 I	56 E	208 C	20 D

#3	#4	#5a	#5b	#6	#7b	#8a

CHECK YOURSELF ☐ I can do this on my own ☐ I need a little help ☐ I have a question about #____