Name_____ Date_____ Period_____

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

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 64 = ____

b. 10% of 470 = ____

c. 40% of 45 = ____

d. 5% of 260 = ____

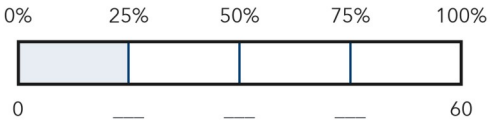
e. 80% of 35 = ____

f. 15% of 200 = ____

2. **Drink Vote.** 300 students voted: 20% milk, 45% water, and the rest juice. Fill in the table.

Drink	Percent	Decimal	Students
Milk	20%		
Water	45%		
Juice			

3. **Music Playlist.** 60 songs; 25% are new. Fill in the bar. How many are new?



Answer_____ songs

4. **Pizza Orders.** 140 pizzas sold; 35% were cheese. How many were cheese?

Hint *Multiply both numbers by 0.35.*

Percent	100%	35%
Pizzas	140	

Answer_____ pizzas

5. **Book Pages.** A book has 240 pages. Andre has read 85% of it.

a. Pages he has read _____ pages

b. Pages still left _____ pages

Show your work.

6. **Discount Claim.** A $65 hoodie is 20% off. Ari says the discount is $20. Is he right? Write an equation.

Show your work.

Discount_____

7. School Garden. A garden has 160 seedlings. 45% are peppers and 30% are tomatoes.

Hint *What percent is left after 45% and 30%?*

a. How many are peppers? _____

b. How many are neither peppers nor tomatoes? _____

Show your work.

8. Concert Tickets. A hall has 800 seats. 85% of the seats sold, at $15 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. Eli's Work. To find 9% of 200, Eli multiplied 200 × 0.9 and wrote 180. Explain his mistake. Then find 9% of 200.

TEST PRACTICE

choose the best answer

10. 8% of 400 is –

A 3.2 **B** 32 **C** 320 **D** 50

11. To find 15% of a number, multiply the number by –

A 15 **B** 1.5 **C** 0.15 **D** 0.015

SELF-CHECK CODE

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

490 Z	204 R	36 C	40 N	$13 E	15 P	88 X	680 T	$20 Q	49 E

#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 #____