

Grade 3 • Unit 8 Worksheet

Putting It All Together

Name: _____

Date: _____

Part A • Year-End Fluency Check

These cover skills from across the year. Try mentally first.

$7 \times 6 =$ _____	$8 \times 4 =$ _____	$45 \div 5 =$ _____	$56 \div 8 =$ _____
$347 + 268 =$ _____	$612 - 285 =$ _____	$5 \times 30 =$ _____	$9 \times 12 =$ _____

Part B • Fractions Review

1. Compare each pair of fractions using $<$, $>$, or $=$. Briefly explain your reasoning for one of them.

a. $\frac{3}{4}$ _____ $\frac{3}{8}$

b. $\frac{5}{6}$ _____ $\frac{5}{6}$

c. $\frac{2}{3}$ _____ $\frac{4}{6}$

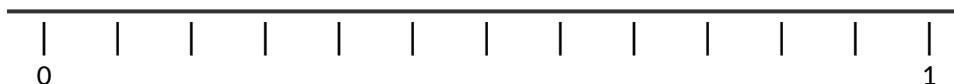
d. $\frac{4}{4}$ _____ $\frac{3}{4}$

Pick one and explain how you decided:

2. Locate $\frac{2}{3}$ on this number line.

Mark and label $\frac{2}{3}$.

Now find a fraction equivalent to $\frac{2}{3}$ that has a denominator of 6: _____



Part C • Area and Perimeter

3. A rectangle is 9 cm by 4 cm.

Area: _____ sq cm

Perimeter: _____ cm

Could you draw a DIFFERENT rectangle with the same area? Give one example: _____ by _____

4. Sara's tiny house has an L-shaped floor: one rectangle is 8 ft by 5 ft, attached to another that is 4 ft by 3 ft (sharing a side).

Sketch the floor:

Find the total area of the floor: _____ sq ft

Part D • Multiplication & Division

5. Find each value. Show your work or strategy.

a. $8 \times 7 =$ _____

b. $72 \div 9 =$ _____

c. $6 \times 14 =$ _____ (try decomposing 14)

6. Diego has 48 marbles. He puts them into bags of 6. How many bags does he have?

Show your work:

Write both equations: _____ $\div$ _____ = _____ and _____ $\times$ _____ = _____

Part E • Mixed Word Problems

7. A class collected 348 cans, then donated 165 to a food bank, then collected 92 more. How many cans does the class have now?

Estimate first: _____

Exact answer (show work):

Answer: _____ cans

8. Maya jogged from 3:42 PM to 4:28 PM. How long did she jog?

Show your work:

Answer: _____ minutes

Part F • Reflection and Open Problems

9. Write your OWN math problem using something you learned this year. Show the answer too.

My problem:

My answer:

10. Pat says: "Multiplication and division are the same operation, just written differently." Do you agree? Explain.

11. What is something in math from Grade 3 that you can now do EASILY that was hard before? Why?

12. What is one math topic you want to keep working on?
