Item	answers	skills	outcomes	Difficulty level
1-		Number/ Knowing	**Represent real-world situations using integers.** **TIMSS - Write expressions, equations, or inequalities to represent problem situations.**	**Medium**

A train left Redville at 8:45 a.m. It arrived in Bedford 2 hours and 18 minutes later. What time did it arrive in Bedford?

A. 11:15 a.m.

B. 11:13 a.m.

C. 11:03 a.m.

D. 10:53 a.m.

Item	answers	skills	outcomes	Difficulty level
2-		**Number / Knowing**	**Represent real-world situations using integers.** **TIMSS - Write expressions, equations, or inequalities to represent problem situations.**	**Medium**

Ingredients	
Eggs	4
Flour	8 cups
Milk	$\frac{1}{2}$ cup

The above ingredients are used to make a recipe for 6 people. Sam wants to make this recipe for only 3 people.

Complete the table below to show what Sam needs to make the recipe for 3 people. The number of eggs he needs is shown.

Ingredients	
Eggs	2
Flour	___ cups
Milk	___ cup

Item	answers	skills	outcomes	Difficulty level
3-		**Number / Knowing**	**Represent real-world situations using integers.** **TIMSS - Write expressions, equations, or inequalities to represent problem situations.**	**Medium**

Six hundred books have to be packed into boxes that hold 15 books each.
Which of the following could be used to find the number of boxes needed?

A. add 15 to 600
B. subtract 15 from 600
C. multiply 600 by 15
D. divide 600 by 15

Item	answers	skills	outcomes	Difficulty level
4-		**Number / Knowing**	**Represent real-world situations using integers.** **TIMSS - Write expressions, equations, or inequalities to represent problem situations.**	**Medium**

Paint comes in 5 liter cans. Sean needs 37 liters of paint. How many cans must he buy?

A. 5
B. 6
C. 7
D. 8

Item	answers	skills	outcomes	Difficulty level
5-		Number / Knowing	Represent real-world situations using integers. TIMSS - Write expressions, equations, or inequalities to represent problem situations.	Moderate

In a soccer tournament, teams get:

3 points for a win
1 point for a tie
0 points for a loss

Zedland has 11 points.

What is the **smallest** number of games Zedland could have played?

Answer: _____