

G8 Numeracy Lessons Week 1 Day 4

Name: _____ Class: _____

Items	answers	skills	outcomes	Difficulty level
1.		Relationships and Functions	Interpret and relate representations and relationships. Identify and apply inverse and direct variations in real-world situations.	Medium

If speed is more, then time taken to cover a fixed distance would be less.

This is a case of

- a. inverse variation
- b. direct variation
- c. joint variation
- d. none of the above

G8 Numeracy Lessons Week 1 Day 4

Name: _____ Class: _____

Items	answers	skills	outcomes	Difficulty level
2.		Relationships and Functions	Interpret and relate representations and relationships. Identify and apply inverse and direct variations in real-world situations.	Medium

If the weight of 12 sheets of thick paper is 40 grams, how many sheets of the same paper would weigh 2500 grams?

- A. 750
- B. 800
- C. 850
- D. 950

G8 Numeracy Lessons Week 1 Day 4

Name: _____ Class: _____

Items	answers	skills	outcomes	Difficulty level
3.		Relationships and Functions	Interpret and relate representations and relationships. Identify and apply inverse and direct variations in real-world situations.	Medium

If 12 workers can build a wall in 50 hours, how many workers will be required to do the same work in 40 hours?

- A. 10
- B. 13
- C. 14
- D. 15

G8 Numeracy Lessons Week 1 Day 4

Name: _____ Class: _____

Items	answers	skills	outcomes	Difficulty level
4.		Relationships and Functions	Identify and apply properties of inverse and direct variations.	Easy

Sheikha is learning about inverse variation at school today. Which option should she select for the following question?

If x and y are inversely proportional, then:

- A. $x+y=\text{constant}$
- B. $x-y=\text{constant}$
- C. $xy=\text{constant}$
- D. $x/y=\text{constant}$