

Math Live – Slides, Flips and Turns: Activity Sheet

Grade: 5 Strand: Shape and Space (Transformations) Outcome: 8

1. Which of these patterns is made by a slide of the first number?

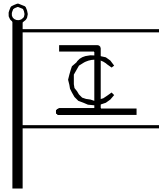
a) 3 ɛ 3 ɛ 3

b) 6
6
6
6
6

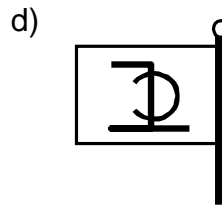
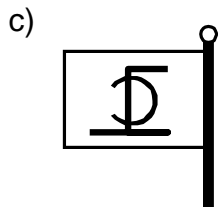
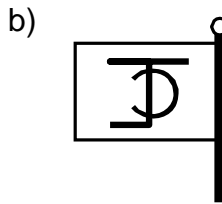
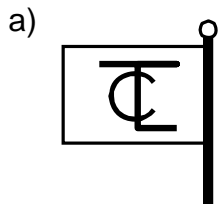
c) 4 ↗ 4 ↗ 4

d) 2 Ƨ 2 Ƨ 2

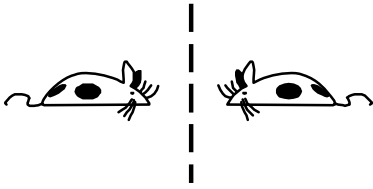
2. This pattern has been woven right through the fabric of a flag that is blowing in a strong wind.

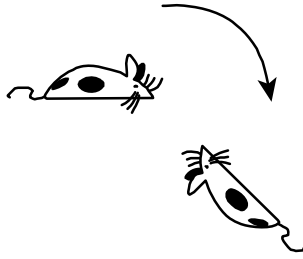


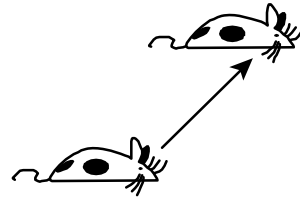
Which diagram shows how the flag would look when the wind changes to the opposite direction?



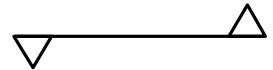
3. Label the following images as a flip, slide, or turn.



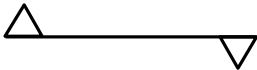




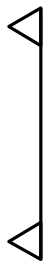
4. Which figure is a slide image of the figure at the right?



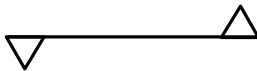
a)



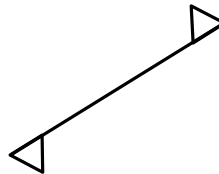
b)



c)



d)



5. This is a footprint in the sand.



Which diagram shows how the footprint would look when the person turned around and went back the way they came?

a)



b)



c)

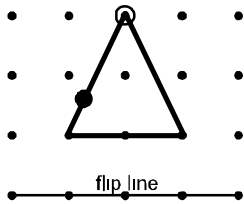


d)

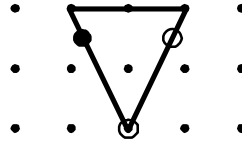
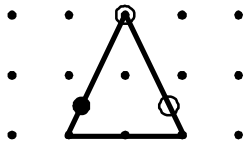
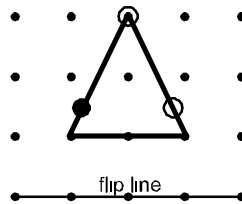


6. Which diagram shows the correct position of the figure after the flip?

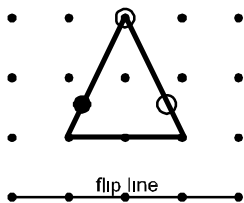
a)



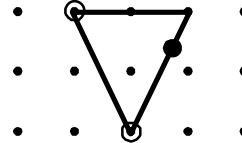
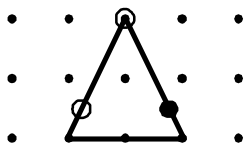
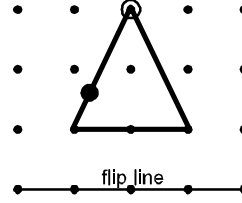
b)



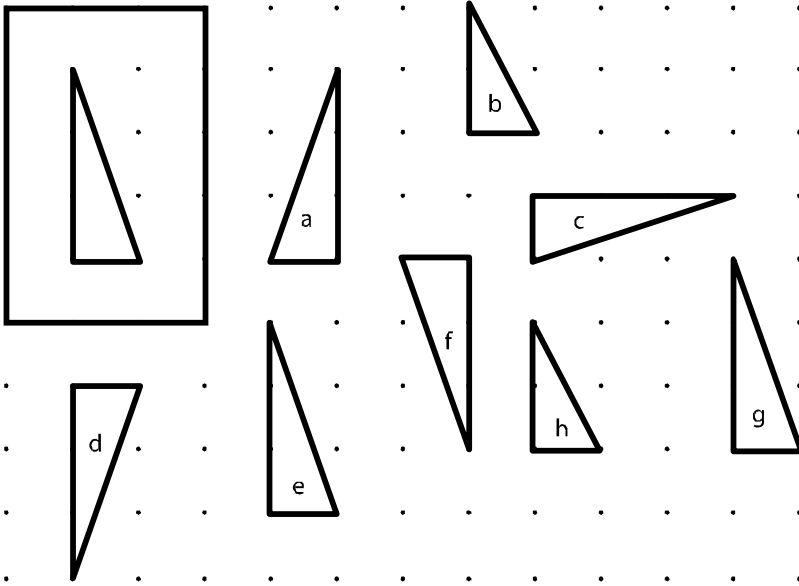
c)



d)



7. Which triangles show slides of the given triangle at the left?



- a) a, d
- c) b, h

- b) e, g
- d) c, f

Math Live – *Slides, Flips and Turns*: Activity Sheet Answer Key

- | | |
|----------------------|------|
| 1. b | 5. c |
| 2. c | 6. b |
| 3. flip, turn, slide | 7. c |
| 4. c | |