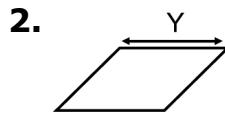
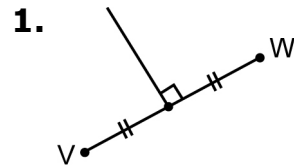
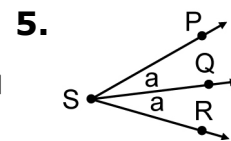
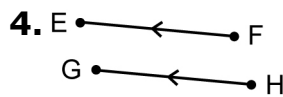
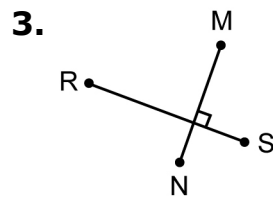


Chapter 3 Test

For #1 to #5, choose the letter representing the term that best matches each illustration. Each letter may be used once or not at all.



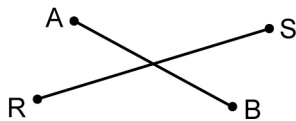
- A** parallel
- B** perpendicular
- C** area
- D** height
- E** angle bisector
- F** base
- G** vertex
- H** perpendicular bisector



6. The edges of the paper that meet in the corner of your test paper are best described as being:

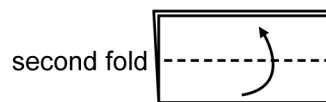
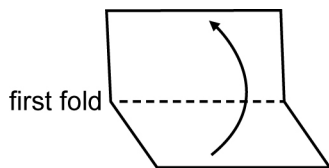
- A** acute
- B** obtuse
- C** parallel
- D** perpendicular

7. What is the relationship between line segments AB and RS?



- A** parallel
- B** perpendicular
- C** intersecting
- D** base

8. Chan took a piece of paper and carefully folded it twice as shown below. When he unfolds the paper, how would the fold lines appear on the paper?

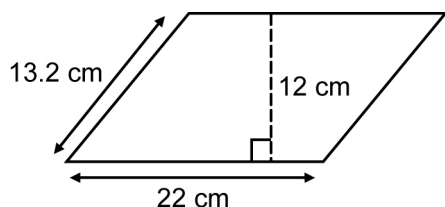


- A** parallel
- B** perpendicular
- C** bisecting
- D** obtuse

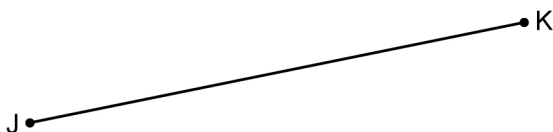
Short Answer

- 9. a) Construct an angle of 36° and label it PQR.
- b) Draw an angle bisector and label it QT.

- 10.** Calculate the area of the figure shown below.



- 11.** Copy line segment JK.



- a)** Draw a perpendicular bisector that passes through JK at point M and label it.
b) Draw a line segment PT so that it is parallel to JK and label it.

Extended Answer

- 12.** A sandbox is a parallelogram with a height of 4 m and a base of 5 m. You need to make a lid for the sandbox.

- a)** What area do you need to cover?
b) If material for the cover costs \$12 per square metre, how much will it cost to cover the sandbox?

- 13.** Jared's apartment has a living room in the shape of a rectangle. He wants to install some flooring in a triangular shape as shown. Point A bisects side PS.

- a)** What is the area of the triangular surface?
b) If the floor tile costs \$12.50 per square metre, what is the total cost before tax?

