

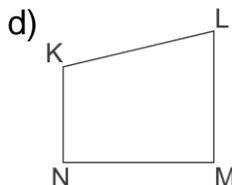
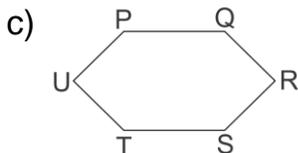
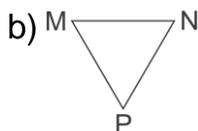
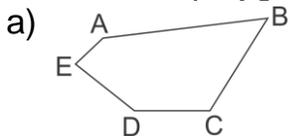
Master 3.21

Extra Practice 1

Lesson 3-1: Naming and Sorting Polygons by Sides

- Draw 3 different triangles.
Measure the sides of each triangle.
Name each triangle as equilateral, isosceles, or scalene.

- Name each polygon.

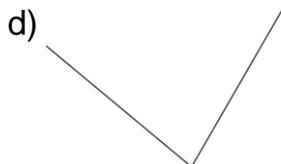
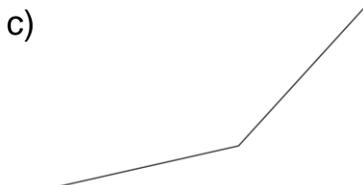
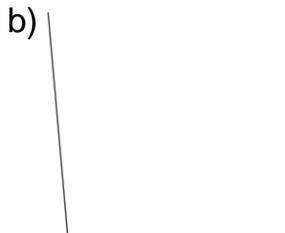
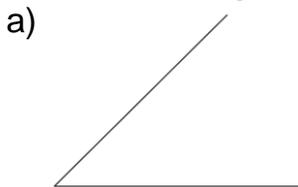


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Extra Practice 1

Lesson 3-2: Measuring and Constructing Angles

- Measure each angle with a protractor.
Name each angle. Use the words acute, obtuse, and right.



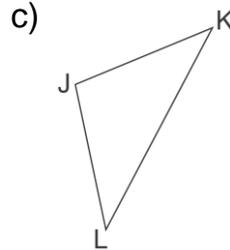
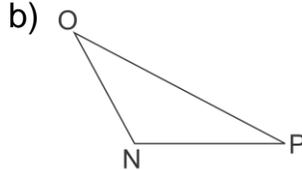
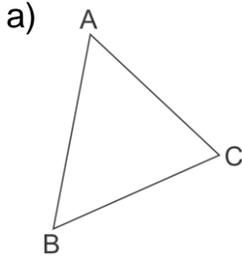
- Use a ruler and a protractor.
Construct an angle with each measure.

a) 15° b) 105° c) 75° d) 165°

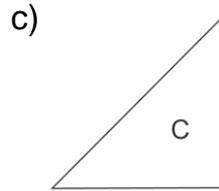
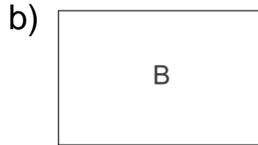
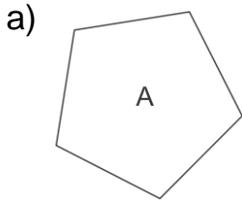
Extra Practice 2

Lesson 3-4: Naming and Sorting Polygons by Angles

3. Is each triangle acute, obtuse, or right? How do you know?



4. Name each polygon as regular or irregular.
Tell how you know.



Extra Practice 2

Lesson 3-5: Constructing Triangles

1. Use a ruler and a protractor.

Construct each triangle.

a) Triangle ABC.

The length of side AB is 4.7 cm.

The measure of $\angle A$ is 45° .

The measure of side AC is 5.0 cm.

b) Triangle DEF.

The length of DF is 6 cm.

The measure of $\angle D$ is 70° .

The measure of $\angle F$ is 25° .

2. Use a ruler and a protractor.

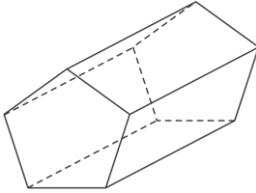
Construct an isosceles triangle with two 45° angles.

What is the measure of the third angle in the triangle?

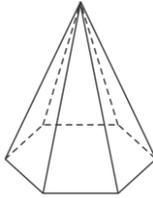
Lesson 3-6: Making Nets

3. Name each solid.
Then, sketch each face.

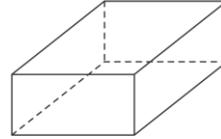
a)



b)

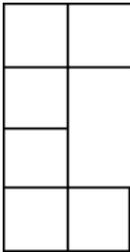


c)

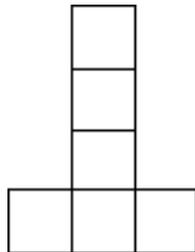


4. Which diagrams show a net for a cube?
How do you know?

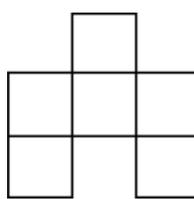
a)



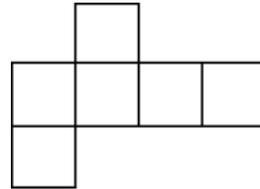
b)



c)



d)



5. You will need a square pyramid.
Create 2 different nets for the square pyramid.