Saunders High school

Summer Packet 2019
Graded as ( )homework

Algebra II/Trigonometry
Math 361

Mrs. Nunes
Distributed June 11, 2019
Due Friday September 7 2019
25. **ICE CREAM** An ice cream shop offers a choice of two types of cones and 15 flavors of ice cream. How many different 1-scoop ice cream cones can a customer order?

Determine whether each situation involves a **permutation** or a **combination**. Then find the number of possibilities.


27. selecting 3 of 15 flavors of juice at the grocery store

28. Determine whether the triangles are similar, congruent, or neither.

29. **PHOTOGRAPHS** A photo that is 3 inches wide by 5 inches long is being enlarged so that it is 12 inches long. How wide will the enlarged photo be?

Find each missing measure. Round to the nearest tenth, if necessary.

30. 

31. $a = 6 \text{ yd}, b = 9 \text{ yd}, c =$ ?

The lengths of three sides of a triangle are given. Determine whether each triangle is a right triangle.

32. 12 yd, 14 yd, 16 yd

33. 15 km, 20 km, 25 km

34. 45 mm, 60 mm, 75 mm