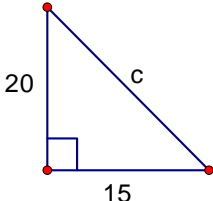
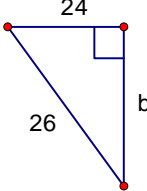
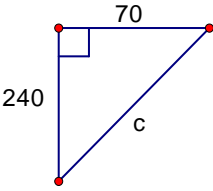
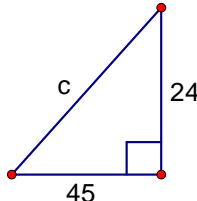
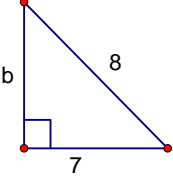
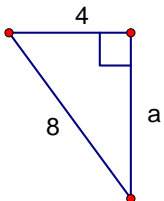
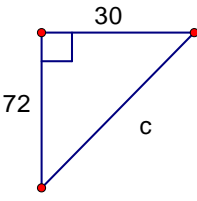
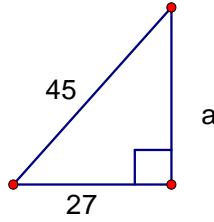
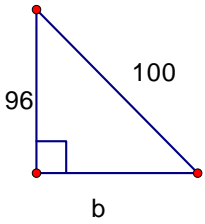
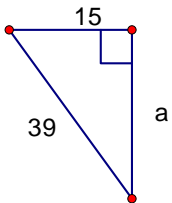
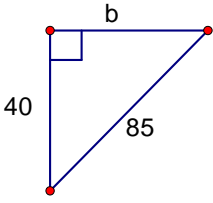
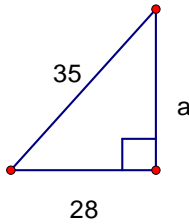


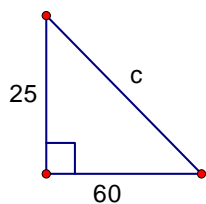
Geometry Worksheet 7.2 Worksheet
Pythagorean Theorem

Name _____
Per ____ Date _____

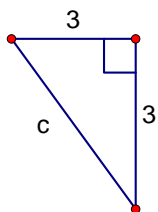
Use the Pythagorean theorem worksheet to find the missing side. Write the missing side in simplified radical form. Determine if the sides form a Pythagorean triple. If so, name the family.

<div>1.</div> <div>Radical = _____ Triple? _____</div> <div></div>	<div>2.</div> <div>Radical = _____ Triple? _____</div> <div></div>	<div>3.</div> <div>Radical = _____ Triple? _____</div> <div></div>	<div>4.</div> <div>Radical = _____ Triple? _____</div> <div></div>
<div>5.</div> <div>Radical = _____ Triple? _____</div> <div></div>	<div>6.</div> <div>Radical = _____ Triple? _____</div> <div></div>	<div>7.</div> <div>Radical = _____ Triple? _____</div> <div></div>	<div>8.</div> <div>Radical = _____ Triple? _____</div> <div></div>
<div>9.</div> <div>Radical = _____ Triple? _____</div> <div></div>	<div>10.</div> <div>Radical = _____ Triple? _____</div> <div></div>	<div>11.</div> <div>Radical = _____ Triple? _____</div> <div></div>	<div>12.</div> <div>Radical = _____ Triple? _____</div> <div></div>

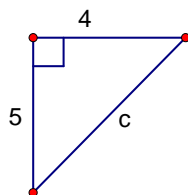
13.
Radical = _____
Triple? _____



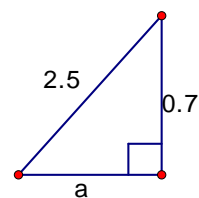
14.
Radical = _____
Triple? _____



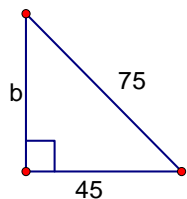
15.
Radical = _____
Triple? _____



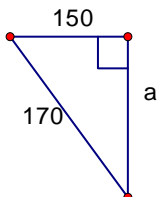
16.
Radical = _____
Triple? _____



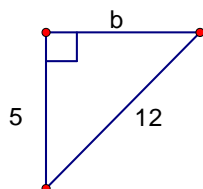
17.
Radical = _____
Triple? _____



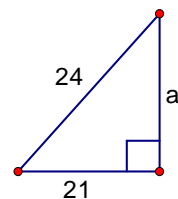
18.
Radical = _____
Triple? _____



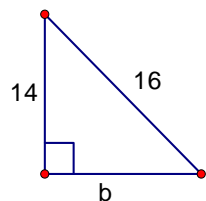
19.
Radical = _____
Triple? _____



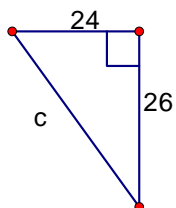
20.
Radical = _____
Triple? _____



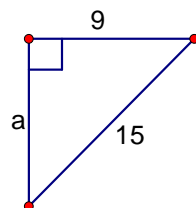
21.
Radical = _____
Triple? _____



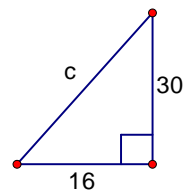
22.
Radical = _____
Triple? _____



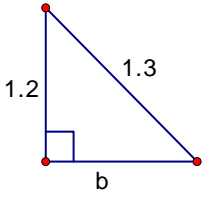
23.
Radical = _____
Triple? _____



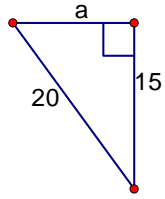
24.
Radical = _____
Triple? _____



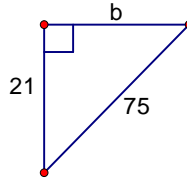
25.
Radical = _____
Triple? _____



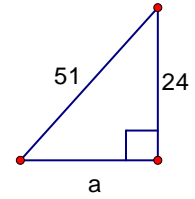
26.
Radical = _____
Triple? _____



27.
Radical = _____
Triple? _____



28.
Radical = _____
Triple? _____



Use the converse of the Pythagorean theorem to determine if each triangle is acute, right, or obtuse. Show your work to justify your answer.

29. 11, 12, 16

30. 6, 8, 9

31. 45, 60, 75

32. 11, 60, 61

33. 6, 7, 12

34. 5, 12, 13
