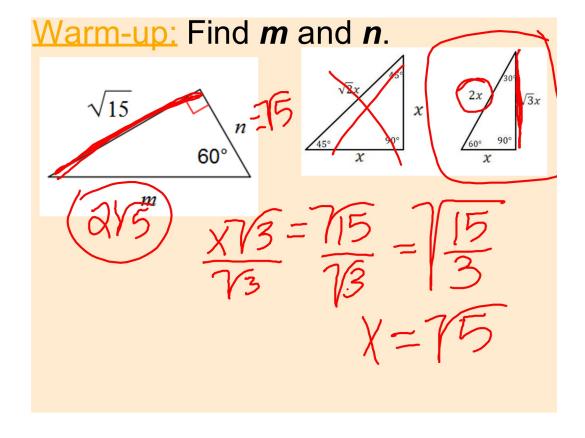
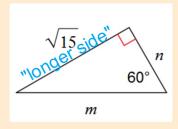
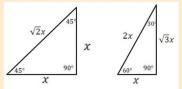
Welcome Back MYP Math 9!

	Assignment			Comments
	Effor	t G	rade	(What was interesting or
	(Circ	le (One)	challenging?)
Date: 12/18 Topic: 45-45-90	riang	le l	Revie	w
Tuesday Date: 12/19 Topic: 30-60-90	riang	ıl <mark>1</mark>	2	
Wednesday Date: 12/20 Topic: 30-60-90	- O Triang	gl <mark>e</mark>	Revie	₽W
Thursday				
Date: Topic:	0	1	2	
Friday				
Date:	0	1	2	



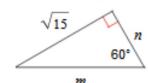
Warm-up: Find m and n.





$$\frac{\sqrt{15}}{\sqrt{3}} = \sqrt{\frac{15}{3}} = \sqrt{5}$$

Solution



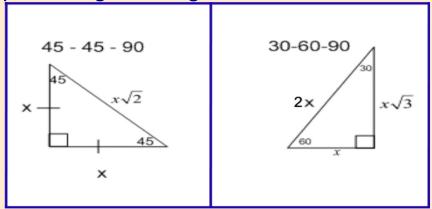
$$m = 2\sqrt{5}, n = \sqrt{5}$$

<u>Unit 4: Radicals & Special Right Triangles</u>

DO: Review Worksheet

1. Simplifying Radicals (5A/B/C)

2. Special Right Triangles



Done? Review investigations, handouts, notes. Study for Quiz 4.1 tomorrow!

1)
$$\sqrt{5} \cdot \sqrt{15}$$

1)
$$\sqrt{5} \cdot \sqrt{15}$$
 2) $\sqrt{3} \cdot \sqrt{21}$ 2) $\sqrt{75} = \sqrt{25.3}$ 763

2)
$$\sqrt{3} \cdot \sqrt{21}$$

3)
$$\sqrt{10} (3\sqrt{6})$$

4)
$$(2\sqrt{3})^{2}$$

$$4)(2\sqrt{3})^{2}$$
 $2\sqrt{3} \cdot 2\sqrt{3}$
 $4 \cdot 3$
 12

$$5) \frac{\sqrt{48}}{\sqrt{3}} = \sqrt{6\sqrt{3}}$$

6)
$$\sqrt{\frac{81}{121}}$$

$$\frac{781}{7121} = 9$$

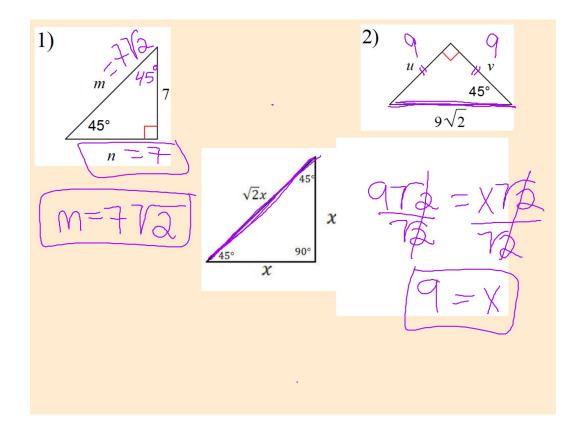
5)
$$\frac{\sqrt{48}}{\sqrt{3}} = 4$$
6) $\sqrt{\frac{81}{121}}$
7/48 $= 7/6$
7/81
7/10

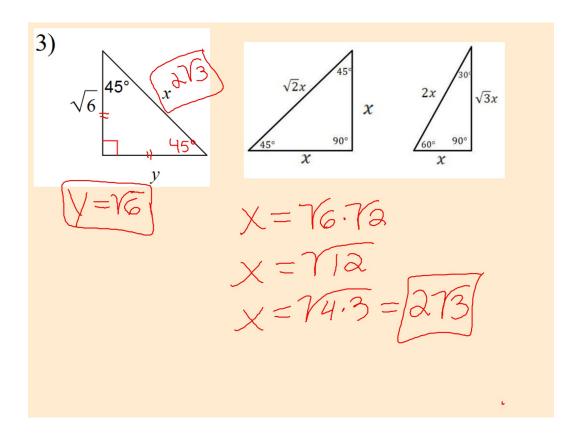
7)
$$\sqrt{20}$$

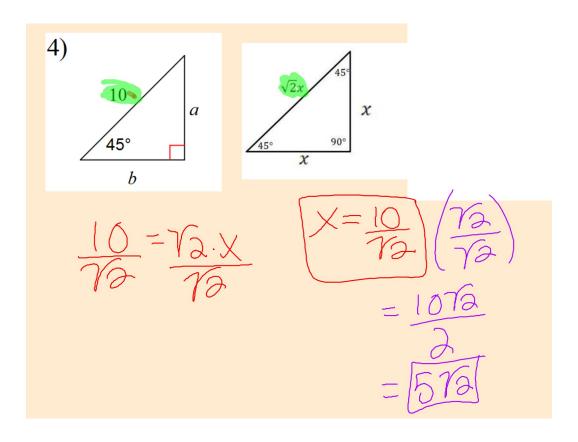
8)
$$\sqrt{180}$$

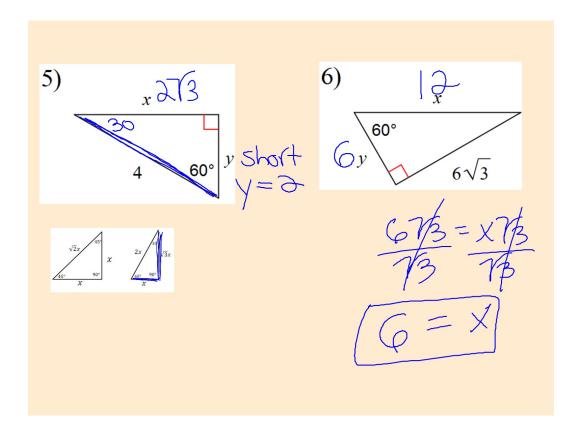
9)
$$(3\sqrt{7})^{2}(\sqrt{98})$$
 $798 = 79.2$
 $(377)(377)$ $= 7.76$
 $9(7)$ $= 63.7.72$
 63 $= 44172$

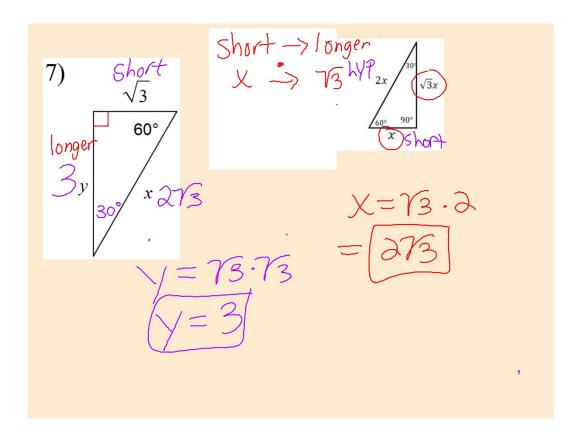
9)
$$(3\sqrt{7})^{2}(\sqrt{98})$$
 $(3\sqrt{7})^{2}(\sqrt{98})$
 $(3\sqrt{7})^{2}(\sqrt{98})$
 $(49.7)^{2}(\sqrt{98})$
 $(9.7)^{2}(\sqrt{98})$
 $(9.7)^{2}(\sqrt{98})$
 $(9.7)^{2}(\sqrt{98})$
 $(3\sqrt{7})^{2}(\sqrt{98})$
 $(9.7)^{2}(\sqrt{98})$
 $(9.7)^{2}(\sqrt{98})$
 $(3\sqrt{7})^{2}(\sqrt{98})$
 $(49.7)^{2}(\sqrt{98})$
 $(49.7)^{2}(\sqrt{98})$

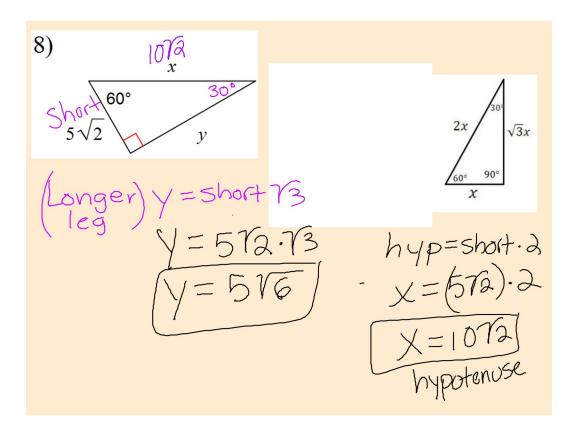


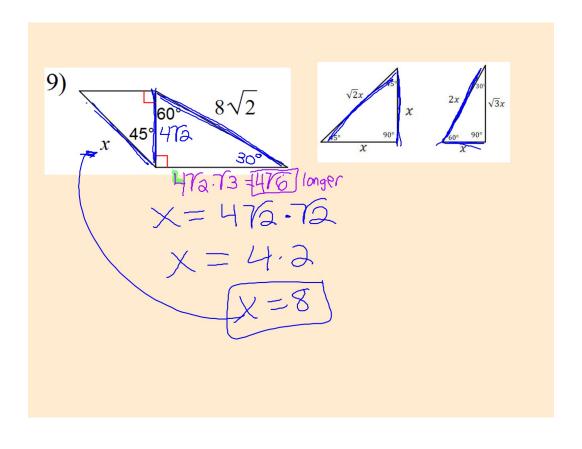


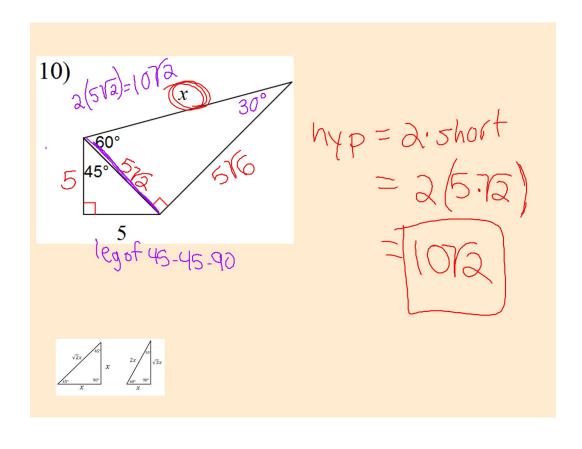


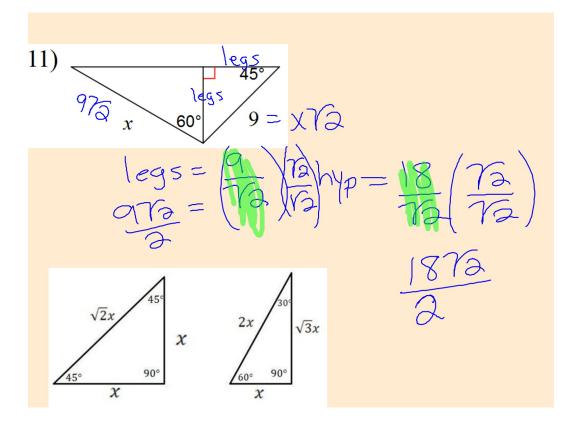




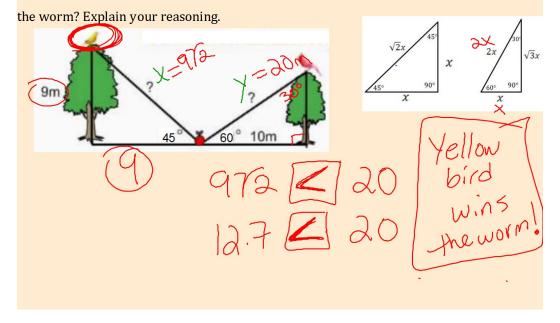








- 11) Two birds are sitting on the top of two different trees, and they both spot a delicious worm trying to hide in an apple on the ground.
- a) How far does each bird need to fly to capture the worm?
- b) Assume the birds travel at the same speed. Which bird will capture



Exercises...

Finish Review Worksheet

Study 5B/C Radicals & Special Right Triangles