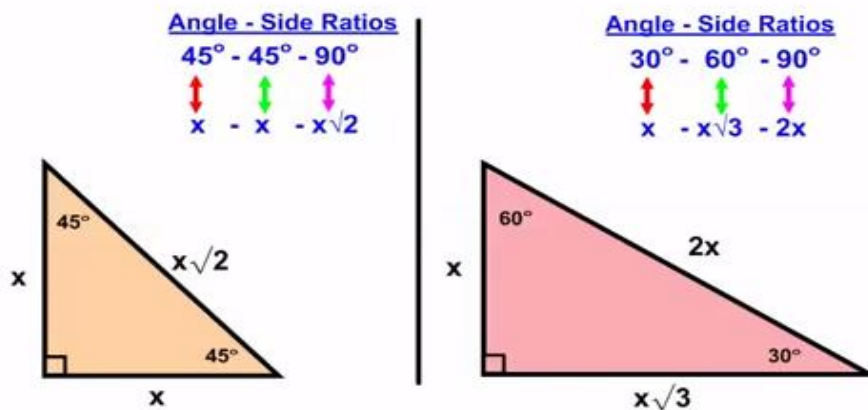


UNIT 6
ASSIGNMENT #6

Guided Video Notes and Some Examples

GUIDED VIDEO NOTES

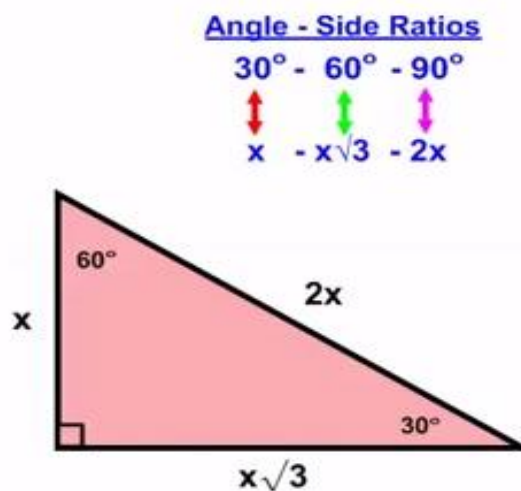
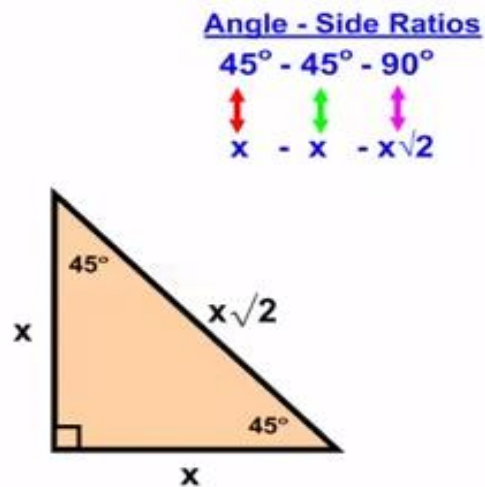
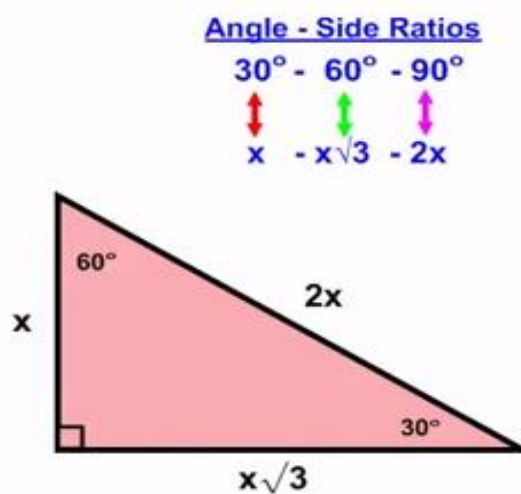
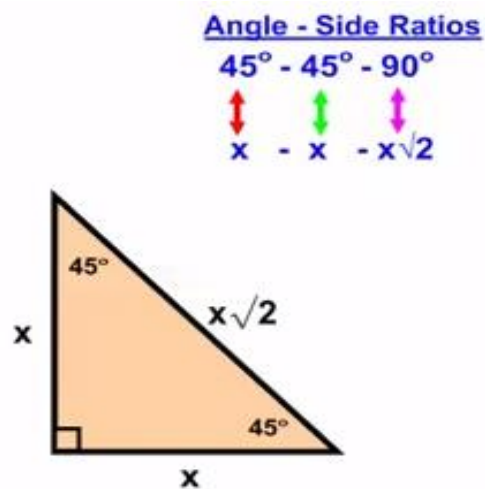
Special Right Triangles - Part 1



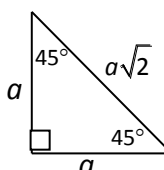
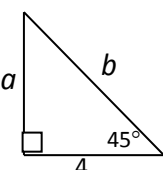
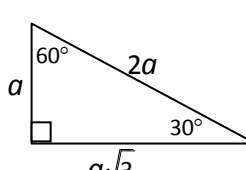
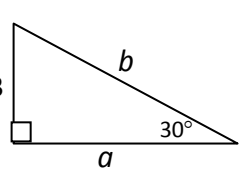
GUIDED VIDEO EXAMPLES

Special Right Triangle: 45° - 45° - 90°

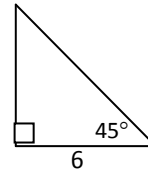
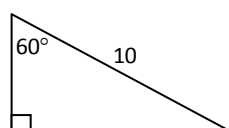
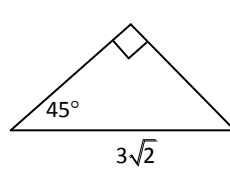
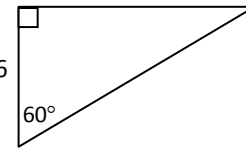
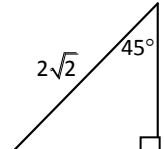
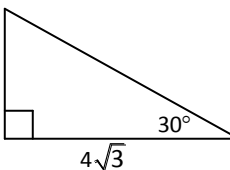
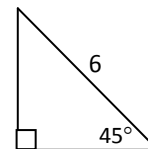
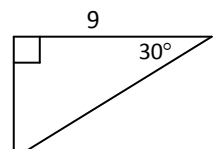
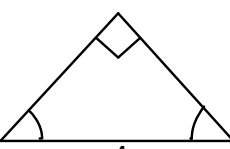
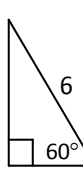
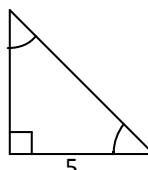
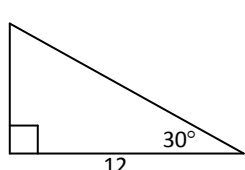
Special Right Triangle: 30° - 60° - 90°



Special Right Triangles

Isosceles Right Triangle	30-60-90 Triangle
  <p style="margin-top: 10px;"> $a = 4$ $b = 4\sqrt{2}$ </p>	  <p style="margin-top: 10px;"> $a = 3\sqrt{3}$ $b = 2 \cdot 3 = 6$ </p>

Find the missing sides.

1. 
2. 
3. 
4. 
5. 
6. 
7. 
8. 
9. 
10. 
11. 
12. 

Cross out the correct answers. The remaining letters (one per space) complete the statement.

5 EQ	9 HA	$6\sqrt{2}$ UA	3 LT	10 LF	$3\sqrt{2}$ OT	3 HE	$4\sqrt{3}$ SQ	$3\sqrt{2}$ UA	12 RE	$2\sqrt{2}$ RO
$6\sqrt{3}$ OT	$5\sqrt{3}$ OF	25 TH	$3\sqrt{3}$ ER	$6\sqrt{3}$ AD	5 IU	20 EH	3 SO	$3\sqrt{3}$ FT	36 YP	2 PY
11 OT	4 TH	16 EN	6 AG	8 OR	32 US	$5\sqrt{2}$ AS	2 TH	7 E.	$8\sqrt{3}$ T.	$2\sqrt{2}$ S.

In a 30-60-90 degrees right triangle, the side opposite the 30-degree angle is
