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- Helpful for reflecting and justifying your own learning
- Helpful resource for problem solving (using prior knowledge to solve a new problem; help to identify what we have learned before and use the information)
- Helpful data for teacher to monitor and evaluate student learning and understanding





























































	All possible triangles: (1) 12 - 12 - 12 R - R - R (2) 12 - 12 - 10 R - R - B (3) 12 - 12 - 8 R - R - Y (4) 12 - 12 - 6 R - R - G (5) 12 - 10 - 10 R - B - B (6) 12 - 10 - 8 R - B - Y		Equilat (1) (2) (3) (4)	teral triangles: 12 - 12 - 12 10 - 10 - 10 8 - 8 - 8 6 - 6 - 6	R-R-R B-B-B Y-Y-Y G-G-G		
	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	$\begin{array}{c} R-B-G \\ R-Y-Y \\ R-Y-G \\ B-B-B \\ B-B-G \\ B-Y-Y \\ B-Y-G \\ B-G-G \\ Y-Y-Y \\ Y-Y-G \\ Y-G-G \\ G-G-G \\ G-G-G \end{array}$		Isoscel (1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11)	les triangles: 12 - 12 - 10 12 - 12 - 8 12 - 12 - 6 12 - 10 - 10 12 - 8 - 8 10 - 10 - 8 10 - 10 - 8 10 - 6 - 6 8 - 8 - 6 8 - 6 - 6	$\begin{array}{c} R-R-B \\ R-R-Y \\ R-R-G \\ R-B-B \\ R-Y-Y \\ B-B-G \\ B-Y-Y \\ B-G-G \\ Y-Y-G \\ Y-G-G \end{array}$	
	Impossible: (1) 12-6-6	R – G – G		Scalen (1) (2) (3) (4)	e triangles: 12-10-8 12-10-6 12-8-6 10-8-6	R-B-Y $R-B-G$ $R-Y-G$ $B-Y-G$	te.
			3	-			













