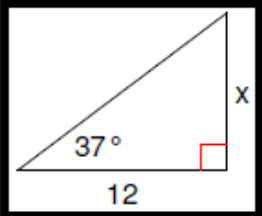
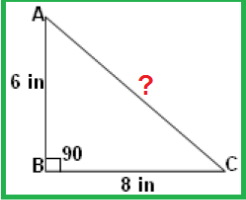
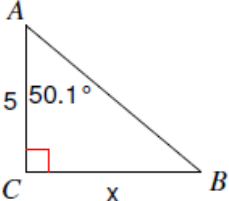
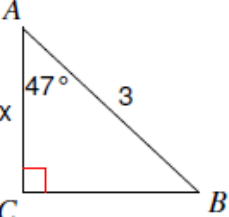
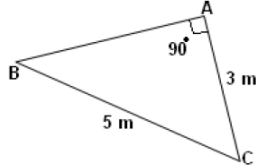
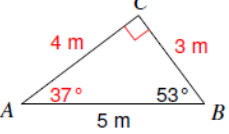


Solving Right T	Find missing side	Polygon name	MAKE AN EQUATION	Proportion	Percent	Radical
<p>Example:</p>  <p>Answer: 9.0</p>	<p>Example:</p>  <p>Answer: Length of AC= 10 in [use Pythagorean Theorem to solve]</p>	<p>Example:</p> <p>Pentagon _?_ sides</p>	<p>$x - 6 = ?$</p>	<p>$\frac{6}{1} = \frac{x}{6x}$ $\frac{1}{1} = \frac{2}{36}$ $\frac{x+5}{3} = \frac{4}{2}$</p>	<p>Percent</p> <p>What is 200% of 1 ?</p> <p>What is 10% of 30 ?</p> <p>What is 20% of 50 ?</p>	<p>Radical</p> <p>$\sqrt{49} - \sqrt{25}$</p> <p>$\frac{\sqrt[3]{8}}{2}$</p>
 <p>6</p>	<p>Use Pythagorean theorem or Trigonometry to solve:</p>	<p>Trigon (or Triangle)</p>	<p>$-2 + x = ?$</p>	<p>$\frac{3}{45} = \frac{1}{5x}$ $\frac{2x}{3} = \frac{10}{1}$ $\frac{x}{2} = \frac{8}{x}$ $\frac{9}{x} = \frac{x}{1}$</p>	<p>What is 20% of 20 ?</p> <p>What is 10% of 80 ?</p> <p>___ is 25% of 20</p>	<p>$\sqrt{25} - \sqrt{1}$</p> <p>$\sqrt[3]{27}$</p> <p>$4\sqrt{4}$</p> <p>$\sqrt{35} - \sqrt{10}$</p> <p>$5\sqrt{4}$</p>
 <p>2</p>	 <p>Length of AB= 4 m</p>	<p>Heptagon</p> <p>Hendecagon</p> <p>Nonagon</p> <p>Octagon</p> <p>Dodecagon</p>	<p>$? = x - 4$</p> <p>$? = x - 5$</p> <p>$? = x - 7$</p> <p>$? = x - 8$</p> <p>$-13 + x = ?$</p>	<p>$\frac{5}{1} = \frac{x}{1}$ $\frac{4}{x} = \frac{8}{20}$ $\frac{21}{x} = \frac{9}{3}$ $\frac{2}{x} = \frac{6}{18}$ $\frac{121}{x} = \frac{x}{1}$ $\frac{x}{16} = \frac{4}{x}$ $\frac{x+5}{7} = \frac{4}{2}$</p>	<p>___ is 20% of 55</p> <p>___ is 20% of 5</p> <p>___ is 15% of 80</p> <p>___ is 50% of 14</p> <p>___ is 18% of 50</p>	<p>$\sqrt{36} + \sqrt{9}$</p> <p>$2\sqrt{9}$</p> <p>$\sqrt{25} + \sqrt{4}$</p> <p>$3\sqrt{16}$</p>
	<p>[Not possible to make a polygon]</p> <p>[Not possible to make a polygon]</p>	<p>Decagon</p>	<p>$-14 + x = ?$</p> <p>$-15 + x = ?$</p>			<p>$\sqrt{100} + 1^2$</p>

Clock project – class set: do **NOT** write on

Clock project – class set: do NOT write on

Trigonometry	More Trig... Questions	Fraction	What is my next number?	Exponent
<p>Example: $\sin 32^\circ = 0.5299$ Which is the hundredth decimal place? Answer: _____</p> <p>Correct Answer: 2</p>	<p>Which is the tenth decimal place?</p>	$\frac{17}{2} = \frac{?}{2} \frac{1}{2}$	<p>22, 20, 18, 16, 14, ?</p>	$4^x = 64$
<p>$\cos 49^\circ = 0.6561$ Which is the tenth decimal place? Answer: _____</p>	<p>Which is the thousandth decimal place?</p>	$\frac{13}{3} = 4 \frac{?}{3}$	<p>? , 15, 20, 25, 30</p>	$9^x = 81$
<p>Tricky... because your answer should be 7 [rounded up 1]</p>	<p>Which is the ten-thousandth decimal place?</p>	$\frac{13}{6} = 2 \frac{1}{6} \frac{?}{6}$	<p>? , 14, 17, 20, 23</p>	$2^x = 32$
<p>$\tan 54^\circ = 1.3764$ [Don't forget to write the question...]</p>	<p>Which is the hundredth decimal place?</p>	$\frac{36}{5} = \frac{?}{5} \frac{1}{5}$	<p>17, 15, 13, 11, ?</p>	$(5^2 - 38)^0$
		$\frac{43}{?} = 6 \frac{1}{?}$	<p>32, 16, 8, ?</p>	$2^3 + 1$
		$\frac{37}{3} = \frac{?}{3} \frac{1}{3}$	<p>-1, -1, 2, 2, 5, 5, 8, ?</p>	$4^2 - 9$
		$2 \frac{1}{4} = \frac{?}{4}$	<p>5, 13, 6, 14, ?</p>	$81 = 3^x$
		$5 \frac{1}{2} = \frac{?}{2}$	<p>16, 14, 12, 10, 8, ?</p>	$5^2 - 19$
		$\frac{31}{10} = \frac{?}{10} \frac{1}{10}$	<p>18, 15, 12, 9, 6, ?</p>	$3^2 + 1$
		$\frac{?}{10} = \frac{21}{10}$	<p>-1, -1, -1, 0, 0, 0, 1, 1, 1, 2, 2, ?</p>	$4^2 - 5$
		$\frac{?}{5} = \frac{24}{5}$	<p>? , 1, 2, 3, 5, 8, 13</p>	$3(2^2)$
		$\frac{54}{5} = \frac{?}{5} \frac{4}{5}$		

Student:

Steps:

1. You need to pick ONE [or more] problem from **each column** to solve





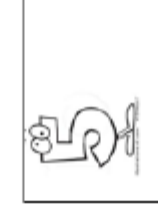







[Minimum 12 total: 1 correctly chosen problem on each clock hour]

2. Decorate with the year you will graduate them in mind [these ideas are open]

3. Check answers & Turn in [Only question should be shown on the correct hour... Optional: you may write out the solved problem & answer in the back of the clock]

Student work:



<p>Do Not Write the Hour (Answer) Remember, people must solve your problem to read your clock.</p>												
<p>Possible Math questions: /Note: Similar problems are ok, but not the exact same problem.</p>			<p>Geo: Find the circumference: $m=314$ $r=215$ $C=2\pi r$ $C=2(3.14)(215)$ $C=1345.4$</p>									

Period ___ Name _____

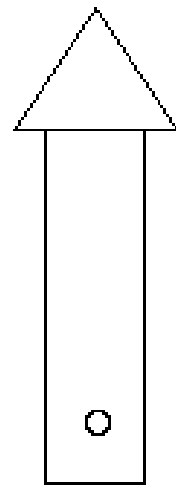
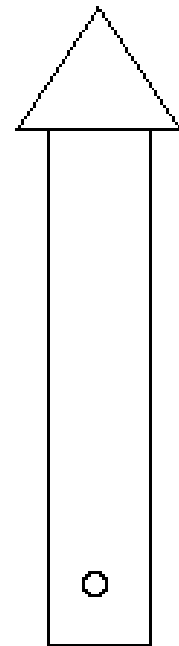
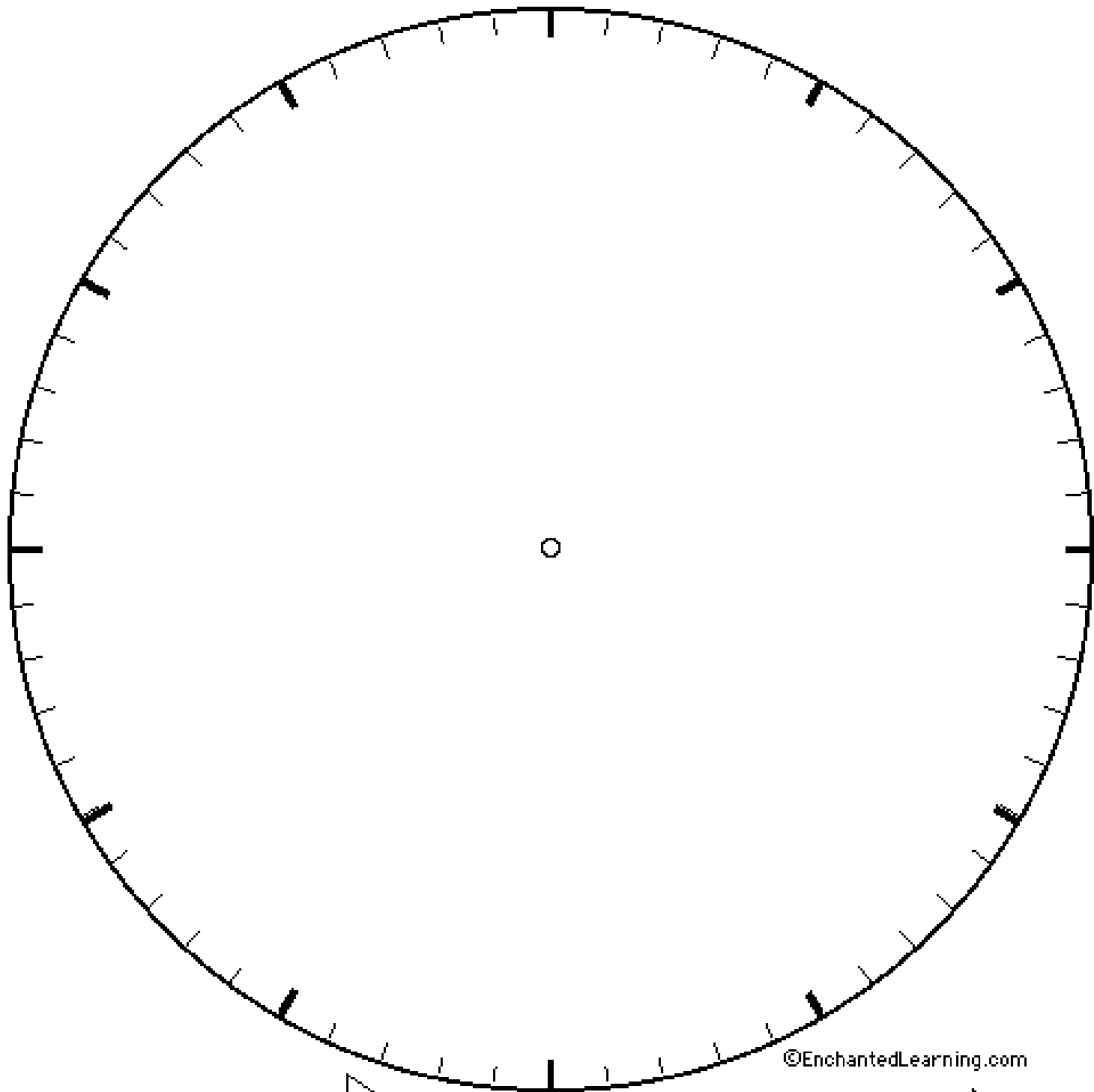
Example:

DO NOT DUPLICATE - you must write 6-2 different math questions



Grade = D = Duplicate copy





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