

Name _____

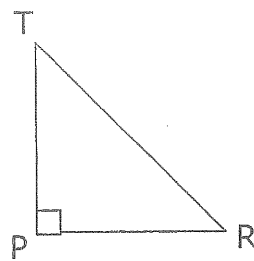
Homework Trig. Day 1

1-3 Give each answer as a fraction in terms of p , r , and t . Refer to $\triangle PTR$.

_____ 1) $\sin R = \frac{?}{?}$

_____ 2) $\tan T = \frac{?}{?}$

_____ 3) $\cos T = \frac{?}{?}$

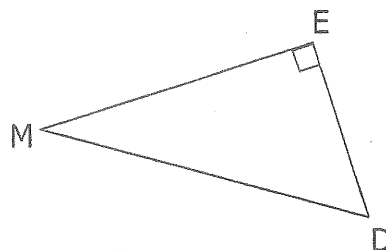


4-6 Give each answer as a fraction in terms of m , e , and d . Refer to $\triangle MED$

_____ 4) $\cos D = \frac{?}{?}$

_____ 5) $\tan M = \frac{?}{?}$

_____ 6) $\sin D = \frac{?}{?}$



7-9 Use a calculator to find the value of each. (Round to the thousandths.)

_____ 7) $\tan 47^\circ = ?$

_____ 8) $\sin 53^\circ = ?$

_____ 9) $\cos 11^\circ = ?$

10-12 Use a calc. to find $m \angle A$. (Round to thousandths.)

_____ 10) $\tan A = .438$

_____ 11) $\cos A = \frac{3}{8}$

_____ 12) $\sin A = \frac{3}{5}$

13-18 Use a calc. to find the value of x . (Round to the thousandths.)

_____ 13) $\cos 64^\circ = \frac{x}{28}$

_____ 16) $\cos X = \frac{8}{14}$

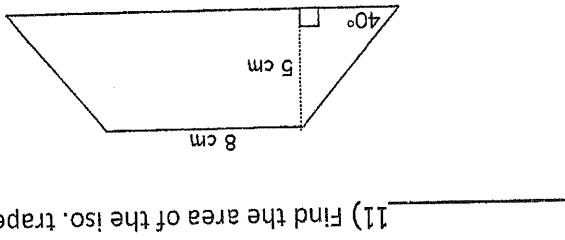
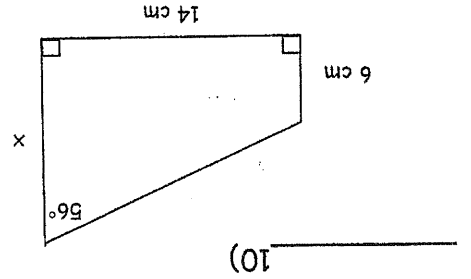
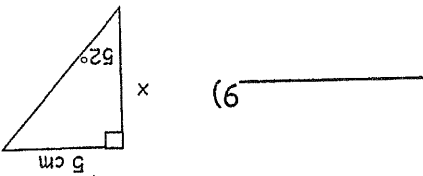
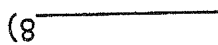
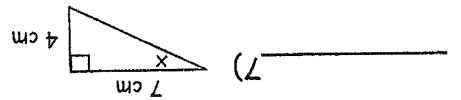
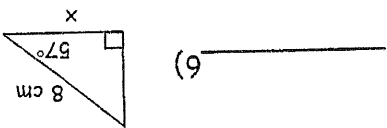
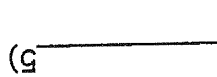
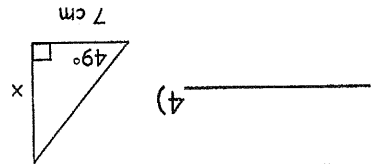
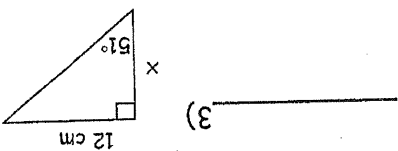
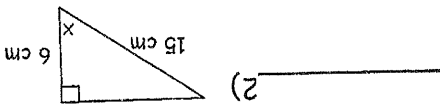
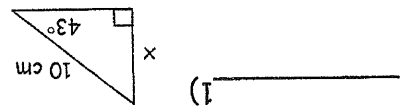
_____ 14) $\sin 24^\circ = \frac{12}{x}$

_____ 17) $\tan 51^\circ = \frac{x}{48}$

_____ 15) $\tan X = \frac{4}{7}$

_____ 18) $\sin 35^\circ = \frac{44}{x}$

1-10 Find the value of x . SHOW WORK. Round to thousandths.



Find the area of the iso. trapezoid.