Pythagorean Theorem and Trigonometry

Find sin θ , cos θ and tan θ as fractions for each right triangle.

Use, adjacent side opposite side opposite side $\cos \theta = \tan \theta = \sin \theta =$ hypotenuse adjacent side hypotenuse 1) 2) 3) 1.5 θ 12 3 12.5 2.5 2 θ 3.5 4 $\sin \theta =$ $\sin \theta =$ $\sin \theta =$ $\cos \theta =$ $\cos \theta =$ $\cos \theta =$ $\tan \theta =$ $\tan \theta =$ $\tan \theta =$

Find the length of the unknown side marked 'x' in each right triangle. Work out on a separate sheet of paper.



