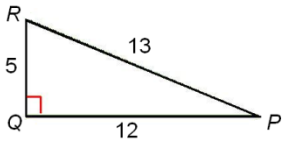
DIRECTIONS: Find the sine (sin), cosine (cos), and tangent (tan) ratios for the following triangles. Write them **two** ways – 1) as reduced fractions (improper, if necessary), and 2) as decimals rounded to four places.

1. $\sin P =$ _____ or _____ $\sin R =$ _____ or _____

$\cos P =$ _____ or _____ $\cos R =$ _____ or _____

$\tan P =$ _____ or _____ $\tan R =$ _____ or _____



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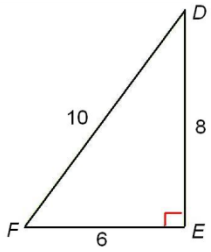
2. $\sin D =$ _____ or _____ $\sin F =$ _____ or _____

$\cos D =$ _____ or _____ $\cos F =$ _____ or _____

$\tan D =$ _____ or _____ $\tan F =$ _____ or _____



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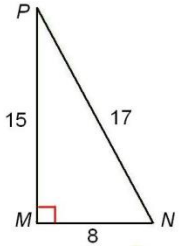
3. $\sin N =$ _____ or _____ $\sin P =$ _____ or _____

$\cos N =$ _____ or _____ $\cos P =$ _____ or _____

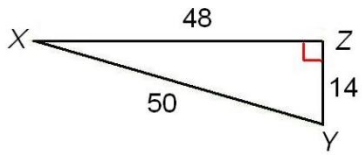
$\tan N =$ _____ or _____ $\tan P =$ _____ or _____



4. $\sin X =$ _____ or _____ $\sin Y =$ _____ or _____

$\cos X =$ _____ or _____ $\cos Y =$ _____ or _____

$\tan X =$ _____ or _____ $\tan Y =$ _____ or _____



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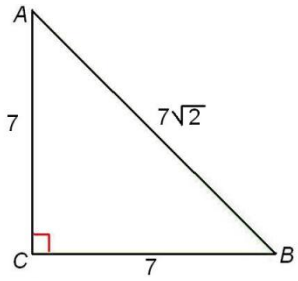
5. $\sin A =$ _____ or _____ $\sin B =$ _____ or _____

$\cos A =$ _____ or _____ $\cos B =$ _____ or _____

$\tan A =$ _____ or _____ $\tan B =$ _____ or _____



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6. $\sin A =$ _____ or _____ $\sin C =$ _____ or _____

$\cos A =$ _____ or _____ $\cos C =$ _____ or _____

$\tan A =$ _____ or _____ $\tan C =$ _____ or _____