

Write a trigonometric ratio — Write sine, cosine and tangent ratios

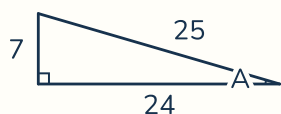
Name: _____

Date: _____



Write each ratio as a fraction. Read the sides straight off the triangle.

1



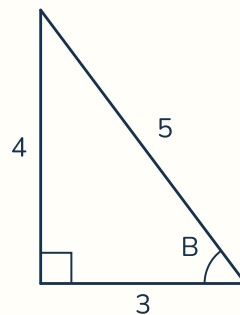
$$\cos A = \underline{\hspace{2cm}}$$

2



$$\sin B = \underline{\hspace{2cm}}$$

3



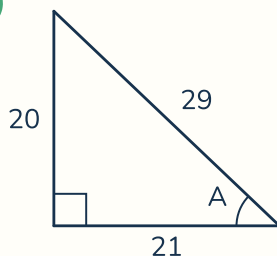
$$\tan B = \underline{\hspace{2cm}}$$

4



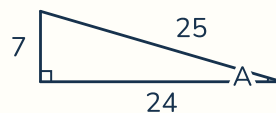
$$\tan B = \underline{\hspace{2cm}}$$

5



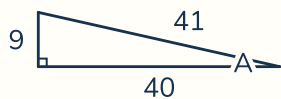
$$\sin A = \underline{\hspace{2cm}}$$

6



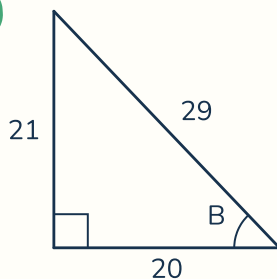
$$\sin A = \underline{\hspace{2cm}}$$

7



$$\cos A = \underline{\hspace{2cm}}$$

8



$$\cos B = \underline{\hspace{2cm}}$$



Write a trigonometric ratio · Write sine, cosine and tangent ratios — Answer key



1. $\cos A$ (legs 7, 24, hyp 25)
 $= 24/25$

2. $\sin B$ (legs 35, 12, hyp 37) $= 35/37$

3. $\tan B$ (legs 4, 3, hyp 5) $= 4/3$

4. $\tan B$ (legs 40, 9, hyp 41)
 $= 40/9$

5. $\sin A$ (legs 20, 21, hyp 29) $= 20/29$

6. $\sin A$ (legs 7, 24, hyp 25)
 $= 7/25$

7. $\cos A$ (legs 9, 40, hyp 41)
 $= 40/41$

8. $\cos B$ (legs 21, 20, hyp 29) $= 20/29$