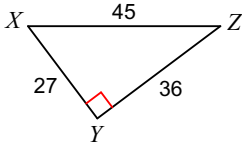
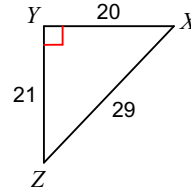


Find the value of each trigonometric ratio.

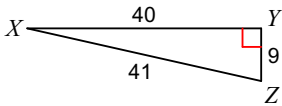
1) $\sin Z$



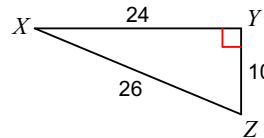
2) $\cos X$



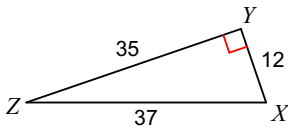
3) $\sin X$



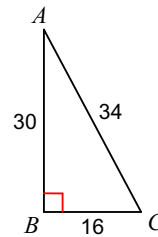
4) $\sin X$



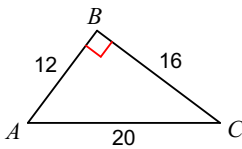
5) $\sin X$



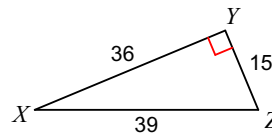
6) $\cos C$



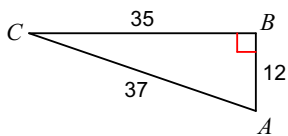
7) $\tan A$



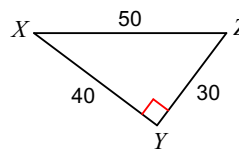
8) $\tan X$



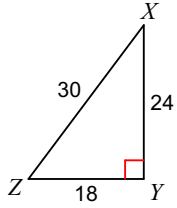
9) $\cos A$



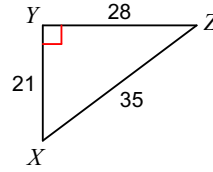
10) $\tan X$



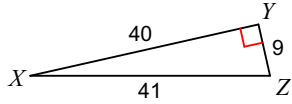
11) $\cos Z$



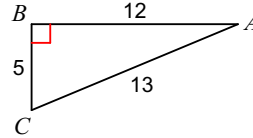
12) $\cos Z$



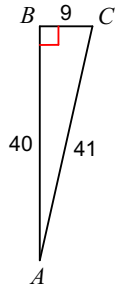
13) $\tan X$



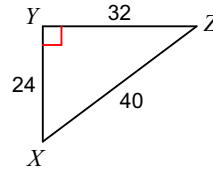
14) $\sin C$



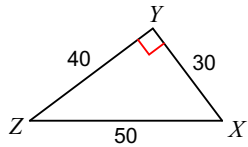
15) $\cos C$



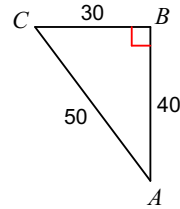
16) $\sin Z$



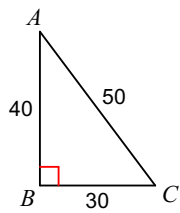
17) $\sin Z$



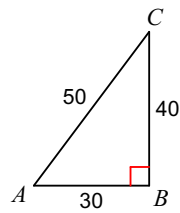
18) $\cos C$



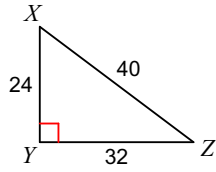
19) $\tan C$



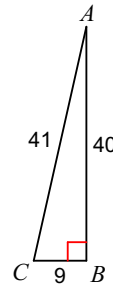
20) $\sin A$



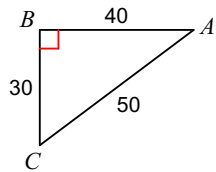
21) $\tan X$



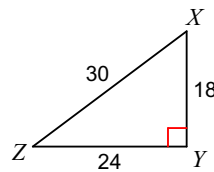
22) $\sin C$



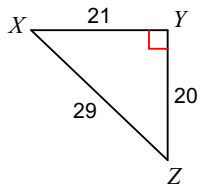
23) $\cos A$



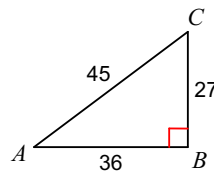
24) $\sin Z$



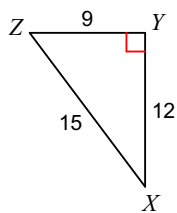
25) $\tan X$



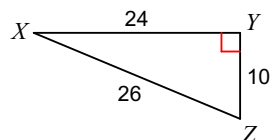
26) $\tan A$



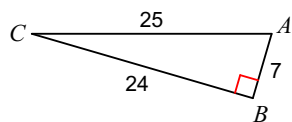
27) $\tan X$



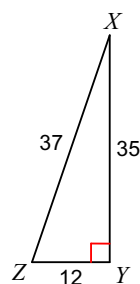
28) $\tan Z$



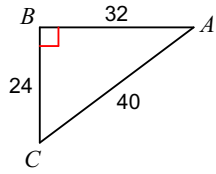
29) $\tan A$



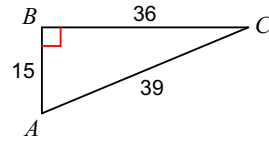
30) $\tan Z$



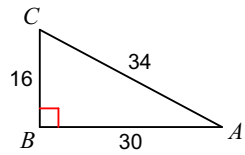
31) $\sin A$



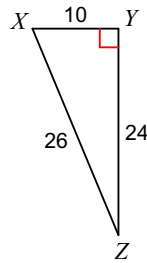
32) $\cos C$



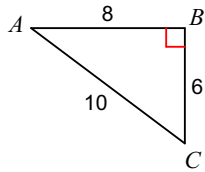
33) $\sin C$



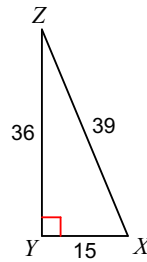
34) $\sin Z$



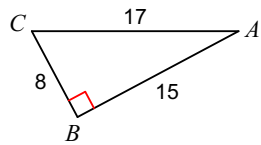
35) $\tan C$



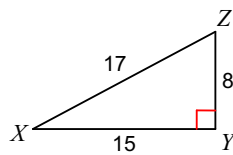
36) $\tan Z$



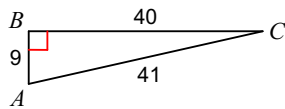
37) $\sin C$



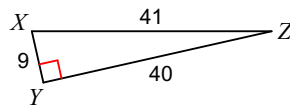
38) $\tan X$



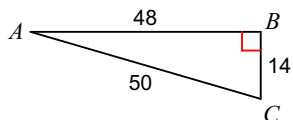
39) $\tan C$



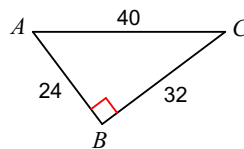
40) $\cos Z$



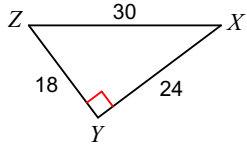
41) $\cos A$



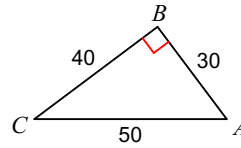
42) $\tan C$



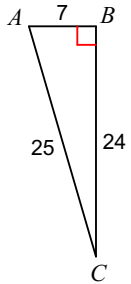
43) $\cos X$



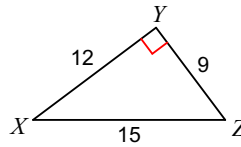
44) $\cos A$



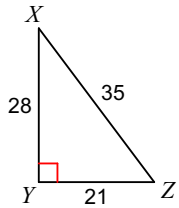
45) $\cos A$



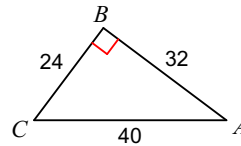
46) $\cos X$



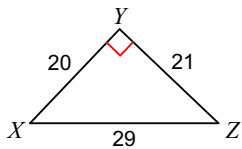
47) $\cos X$



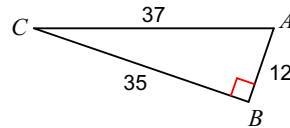
48) $\cos A$



49) $\cos X$



50) $\tan C$



Answers to

1) $\frac{3}{5}$

5) $\frac{35}{37}$

9) $\frac{12}{37}$

13) $\frac{9}{40}$

17) $\frac{3}{5}$

21) $\frac{4}{3}$

25) $\frac{20}{21}$

29) $\frac{24}{7}$

33) $\frac{15}{17}$

37) $\frac{15}{17}$

41) $\frac{24}{25}$

45) $\frac{7}{25}$

49) $\frac{20}{29}$

2) $\frac{20}{29}$

6) $\frac{8}{17}$

10) $\frac{3}{4}$

14) $\frac{12}{13}$

18) $\frac{3}{5}$

22) $\frac{40}{41}$

26) $\frac{3}{4}$

30) $\frac{35}{12}$

34) $\frac{5}{13}$

38) $\frac{8}{15}$

42) $\frac{3}{4}$

46) $\frac{4}{5}$

50) $\frac{12}{35}$

3) $\frac{9}{41}$

7) $\frac{4}{3}$

11) $\frac{3}{5}$

15) $\frac{9}{41}$

19) $\frac{4}{3}$

23) $\frac{4}{5}$

27) $\frac{3}{4}$

31) $\frac{3}{5}$

35) $\frac{4}{3}$

39) $\frac{9}{40}$

43) $\frac{4}{5}$

47) $\frac{4}{5}$

4) $\frac{5}{13}$

8) $\frac{5}{12}$

12) $\frac{4}{5}$

16) $\frac{3}{5}$

20) $\frac{4}{5}$

24) $\frac{3}{5}$

28) $\frac{12}{5}$

32) $\frac{12}{13}$

36) $\frac{5}{12}$

40) $\frac{40}{41}$

44) $\frac{3}{5}$

48) $\frac{4}{5}$