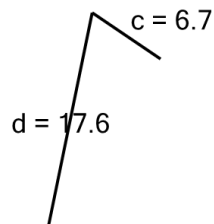# Mobius Math Club

Name:_____

Math worksheet on *'Ratios of Lengths - Both Lengths to Ratio, Decimal Numbers - Angle Line Display (Level 2)'*. Part of a broader unit on *'Trigonometry Fundamentals - Practice'*

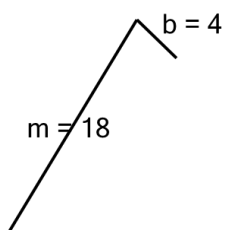Learn online: app.mobius.academy/math/units/trigonometry_fundamentals_practice/

1

Solve for the ratio of lengths of line d over line c

c = 6.7
d = 17.6

a	2.043	**b**	3.211
c	0.489	**d**	2.627
e	0.286	**f**	0.264

2

Solve for the ratio of lengths of line m over line b

b = 4
m = 18

a	6.5	**b**	4.5
c	5.5	**d**	0.167
e	0.333	**f**	0.286

3
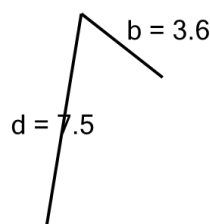
Solve for the ratio of lengths of line b over line d

b = 3.6
d = 7.5

a	0.48	**b**	0.08
c	1.28	**d**	1.471
e	0.12	**f**	3.125

4
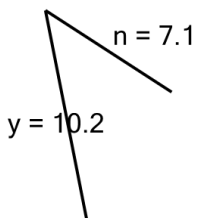
Solve for the ratio of lengths of line y over line n

n = 7.1
y = 10.2

a	0.696	**b**	0.809
c	1.195	**d**	1.437
e	1.571	**f**	0.837

5
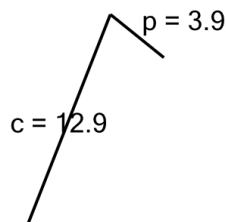
Solve for the ratio of lengths of line p over line c

p = 3.9
c = 12.9

a	3.308	**b**	0.498
c	0.902	**d**	0.298
e	0.698	**f**	0.302

6
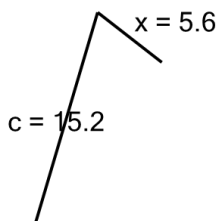
Solve for the ratio of lengths of line x over line c

x = 5.6
c = 15.2

a	0.768	**b**	2.317
c	2.714	**d**	0.368
e	1.168	**f**	1.759

7
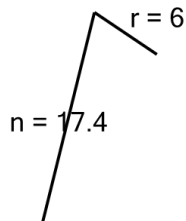
Solve for the ratio of lengths of line n over line r

r = 6
n = 17.4

a	0.282	**b**	3.544
c	0.345	**d**	0.517
e	2.9	**f**	4.189