

Ratios Involving Rational Numbers

1.

	Ratio	Fraction	Percent	Decimal
a.	6:7	6/13	46.2%	0.462
b.	7:8			
c.	1:1			
d.	2:5			
e.	1:3			
f.	2:3			
g.	2:7			
h.	1:2			
i.	1:4			
j.	1:8			

2.

	Ratio	Fraction	Percent	Decimal
a.	2:3			
b.	6:7			
c.	3:5			
d.	1:1			
e.	3:7			
f.	1:4			
g.	5:9			
h.	1:2			
i.	3:4			
j.	9:10			

Answers

1)	Ratio	Fraction	Percent	Decimal
A	6:7	6/13	46.2%	0.462
B	7:8	7/15	46.7%	0.467
C	1:1	$\frac{1}{2}$	50%	0.5
D	2:5	2/7	28.6%	0.286
E	1:3	$\frac{1}{4}$	25%	0.25
F	2:3	2/5	40%	0.4
G	2:7	2/9	22.2%	0.222
H	1:2	1/3	33.3%	0.333
I	1:4	1/5	20%	0.2
J	1:8	1/9	11.1%	0.111

2)	Ratio	Fraction	Percent	Decimal
A	2:3	2/5	40%	0.4
B	6:7	6/13	46.2%	0.462
C	3:5	3/8	37.5%	0.375
D	1:1	$\frac{1}{2}$	50%	0.5
E	3:7	3/10	30%	0.3
F	1:4	1/5	20%	0.2
G	5:9	5/14	35.7%	0.357
H	1:2	1/3	33.3%	0.333
I	3:4	3/7	42.9%	0.429
j	9:10	9/19	47.4%	0.474