



Calculating with Fractions

‘How To’ Booklet 9 Answers

Calculating with Fractions

1	$7/8 \times 2/2 = 14/16$	$\frac{1}{2} \times 8/8 = 8/16$	so $7/8$ is larger
2	$\frac{3}{4} \times 3/3 = 8/12$	$2/3 \times 4/4 = 8/12$	so $\frac{3}{4}$ is larger
3	$2/5 \times 10/10 = 20/50$	$3/10 \times 5/5 = 15/50$	so $2/5$ is larger
4	$6/9 \times 3/3 = 18/27$	$1/3 \times 9/9 = 9/27$	so $6/9$ is larger
5	$1/12 + 3/12 = 4/12$	$1 - 4/12 = 8/12$	so $8/12$ were between 12 & 30
6	$18 + 1/8 + 3/8 = 5/8$	$1 - 5/8 = 3/8$	so $3/8$ came by bus
7	$66 - 58 \frac{1}{2} = 7 \frac{1}{2}$ pounds		
8	a $50/100 = \frac{1}{2}$	b $75/100 = \frac{3}{4}$	c $60/100 = 3/5$
	d $85/100 = 17/20$		
9	a $30/60 = \frac{1}{2}$	b $10/60 = 1/6$	c $45/60 = \frac{3}{4}$
	d $5/60 = \frac{1}{12}$		
10	$70/100 = 7/10$		
	WELL DONE !		

Self Assessment Test

a) Aerobics $\frac{1}{4} = 2/8$ Fitness = $3/8$ so the Fitness Room is most popular
b) Snooker = $1/8$, Squash = $1/16$ so as $1/8 = 2/16$ snooker is most popular
c) $1/16 + 1/8 + 2/16 + 3/8 + \frac{1}{4} =$ (Change to 16ths) $1/16 + 2/16 + 3/16 + 4/16 + 4/16 = 16/16 = 1$
d) $100/160 = 5/8$