Year 5
Week 11
Lesson 2 - Multiplying fractions (mixed numbers)

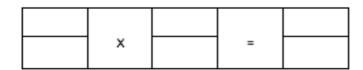## **Challenge 1**

1) 2 x 1 and 1/3 =

2		4		8	
1	X	3	=	3	= 2 and 2/3

2) 3 x 1 and 2/5 =

	X		=		

3) 3 x 2 and 2/6 =

	X		=		

4) 3 x 2 and 3/8 =

	X		=		

5) 4 x 2 and 1/7 =

	X		=		

Challenge 2

Multiply the whole number by the mixed number. Show all of your working out and follow the success criteria step by step. Simplify and convert back to a mixed number if possible on this challenge.

1. 2 x 1 and 4/6 =

2. 3 x 1 and 2/5 =

3. 4 x 2 and 3/5 =

4. 3 x 2 and 5/9 =

5. 4 x 3 and 4/12 =

6. 5 x 4 and 3/10 =

7. 6 x 3 and 5/8 =

8. 5 x 3 and 2/6 =

Challenge 3

1) Jack runs 2 and 2/3 miles three times per week.

Dexter runs 3 and ¾ miles twice a week.
Who runs the farthest during the week? Explain/prove your answer.

2) Allison drinks 3 and 4/7 litres of water each day for four days.

Alan drinks 2 and 3/5 litres of water each day for five days.

Who drinks the most over the time? Explain/prove your answer.