Answers and mark guide

Q	Answer	Working	Marks
1	**1 1/2**	Common denominator 6	2
2	**3/40**	Common denominator 40	2
3	**13/20**	Common denominator 20	2
4	**17/45**	Common denominator 45	2
5	**11/15**	Common denominator 15	2
6	**2 7/9**	Flip the second fraction and multiply.	3
7	**3/32**	Multiply tops and bottoms, then simplify.	3
8	**1 1/9**	Flip the second fraction and multiply.	3
9	**5/32**	Multiply tops and bottoms, then simplify.	3
10	**1 1/2**	Flip the second fraction and multiply.	3
11	**6 17/20**	Change mixed numbers to improper fractions first.	4
12	**1 4/15**	Change mixed numbers to improper fractions first.	4
13	**2 7/9**	Change mixed numbers to improper fractions first.	4
14	**20/39**	Change mixed numbers to improper fractions first.	4
15	**4 9/40**	Change mixed numbers to improper fractions first.	4
16	**11/24**	Use common denominators or multiply by the reciprocal as needed.	4
17	**2 2/5 cups**	Use common denominators or multiply by the reciprocal as needed.	4
18	**2/9**	Use common denominators or multiply by the reciprocal as needed.	4
19	**11/24 (the tank would be empty first)**	Use common denominators or multiply by the reciprocal as needed.	4
20	**7/24**	Use common denominators or multiply by the reciprocal as needed.	4

My score: _____ / 65 Questions 1–15 = 45 marks (Foundation focus)