

1.  $4\frac{2}{3} \times 2 =$

16.  $5\frac{3}{10} \times 8 =$

2.  $6 \times 6\frac{1}{2} =$

17.  $5 \times 3\frac{1}{6} =$

3.  $7 \times 2\frac{1}{4} =$

18.  $9\frac{1}{8} \times 4 =$

4.  $7\frac{1}{5} \times 2 =$

19.  $2\frac{2}{3} \times 5 =$

5.  $5 \times 4\frac{2}{5} =$

20.  $7 \times 1\frac{1}{2} =$

6.  $9\frac{1}{4} \times 2 =$

21.  $4\frac{1}{4} \times 5 =$

7.  $2\frac{5}{6} \times 3 =$

22.  $12 \times 1\frac{1}{3} =$

8.  $4 \times 5\frac{3}{4} =$

23.  $6\frac{1}{2} \times 7 =$

9.  $8\frac{1}{8} \times 3 =$

24.  $8 \times 2\frac{1}{8} =$

10.  $5 \times 4\frac{5}{6} =$

25.  $19 \times 1\frac{1}{3} =$

11.  $3\frac{1}{2} \times 5 =$

26.  $5\frac{2}{5} \times 3 =$

12.  $4\frac{1}{5} \times 6 =$

27.  $7\frac{3}{4} \times 4 =$

13.  $3 \times 8\frac{1}{2} =$

28.  $8 \times 2\frac{1}{3} =$

14.  $4\frac{7}{8} \times 3 =$

29.  $9 \times 1\frac{4}{5} =$

15.  $7 \times 3\frac{2}{3} =$

30.  $3\frac{7}{8} \times 2 =$

31.  $8\frac{5}{8} \times 5 =$

46.  $11 \times 10\frac{1}{10} =$

32.  $3 \times 7\frac{2}{3} =$

47.  $3 \times 19\frac{1}{2} =$

33.  $19\frac{1}{2} \times 3 =$

48.  $8 \times 3\frac{1}{12} =$

34.  $12\frac{3}{4} \times 5 =$

49.  $5 \times 9\frac{3}{4} =$

35.  $7 \times 3\frac{11}{12} =$

50.  $8 \times 10\frac{1}{2} =$

36.  $8 \times 4\frac{7}{10} =$

51.  $2\frac{7}{10} \times 9 =$

37.  $9\frac{1}{6} \times 5 =$

52.  $6 \times 4\frac{2}{3} =$

38.  $5 \times 13\frac{1}{4} =$

53.  $9 \times 6\frac{1}{2} =$

39.  $12 \times 6\frac{1}{3} =$

54.  $18\frac{1}{3} \times 3 =$

40.  $4 \times 7\frac{3}{4} =$

55.  $13 \times 2\frac{4}{5} =$

41.  $7\frac{5}{8} \times 3 =$

56.  $10 \times 4\frac{9}{10} =$

42.  $4\frac{1}{4} \times 9 =$

57.  $7\frac{1}{2} \times 12 =$

43.  $12 \times 6\frac{5}{6} =$

58.  $9\frac{3}{4} \times 6 =$

44.  $3\frac{11}{12} \times 3 =$

59.  $3\frac{7}{8} \times 8 =$

45.  $7 \times 4\frac{5}{6} =$

60.  $6 \times 7\frac{1}{5} =$

Name:

Date:

## Multiplying proper fractions and mixed numbers by whole numbers

1  $5\frac{7}{8} \times 2 =$

1 mark

This problem is set within a rectangular frame. On the left, the number '1' is printed. To its right, the equation  $5\frac{7}{8} \times 2 =$  is written. Below the equation is a grid of 20 columns and 10 rows. A rectangular box is drawn at the bottom right of the grid, spanning 10 columns and 2 rows. To the right of the box is a white circle. Below the circle, the text '1 mark' is written.

2  $6 \times 3\frac{1}{3} =$

1 mark

This problem is set within a rectangular frame. On the left, the number '2' is printed. To its right, the equation  $6 \times 3\frac{1}{3} =$  is written. Below the equation is a grid of 20 columns and 10 rows. A rectangular box is drawn at the bottom right of the grid, spanning 10 columns and 2 rows. To the right of the box is a white circle. Below the circle, the text '1 mark' is written.

3  $7 \times 5\frac{1}{4} =$

1 mark

This problem is set within a rectangular frame. On the left, the number '3' is printed. To its right, the equation  $7 \times 5\frac{1}{4} =$  is written. Below the equation is a grid of 20 columns and 10 rows. A rectangular box is drawn at the bottom right of the grid, spanning 10 columns and 2 rows. To the right of the box is a white circle. Below the circle, the text '1 mark' is written.



**Number: Fractions:** Children will multiply proper fractions and mixed numbers by whole numbers

question	answer	marks
1	$9\frac{1}{3}$	1
2	<b>39</b>	1
3	$15\frac{3}{4}$	1
4	$14\frac{2}{5}$	1
5	<b>22</b>	1
6	$18\frac{1}{2}$	1
7	$8\frac{1}{2}$	1
8	<b>23</b>	1
9	$24\frac{3}{8}$	1
10	$24\frac{1}{6}$	1
11	$17\frac{1}{2}$	1
12	$25\frac{1}{5}$	1
13	$25\frac{1}{2}$	1
14	$14\frac{5}{8}$	1
15	$25\frac{2}{3}$	1
16	$42\frac{2}{5}$	1
17	$15\frac{5}{6}$	1
18	$36\frac{1}{2}$	1
19	$13\frac{1}{3}$	1
20	$10\frac{1}{2}$	1
21	$21\frac{1}{4}$	1
22	<b>16</b>	1

question	answer	marks
23	$45\frac{1}{2}$	1
24	<b>17</b>	1
25	$25\frac{1}{3}$	1
26	$16\frac{1}{5}$	1
27	<b>31</b>	1
28	$18\frac{2}{3}$	1
29	$16\frac{1}{5}$	1
30	$7\frac{3}{4}$	1
31	$43\frac{1}{8}$	1
32	<b>23</b>	1
33	$58\frac{1}{2}$	1
34	$63\frac{3}{4}$	1
35	$27\frac{5}{12}$	1
36	$37\frac{3}{5}$	1
37	$45\frac{5}{6}$	1
38	$66\frac{1}{4}$	1
39	<b>76</b>	1
40	<b>31</b>	1
41	$22\frac{7}{8}$	1
42	$38\frac{1}{4}$	1
43	<b>82</b>	1
44	$11\frac{3}{4}$	1

**Number: Fractions:** Children will multiply proper fractions and mixed numbers by whole numbers

## Worksheet answers

question	answer	marks
45	$33\frac{5}{6}$	1
46	$111\frac{1}{10}$	1
47	$58\frac{1}{2}$	1
48	$24\frac{2}{3}$	1
49	$48\frac{3}{4}$	1
50	<b>84</b>	1
51	$24\frac{3}{10}$	1
52	<b>28</b>	1
53	$58\frac{1}{2}$	1
54	<b>55</b>	1
55	$36\frac{2}{5}$	1
56	<b>49</b>	1
57	<b>90</b>	1
58	$58\frac{1}{2}$	1
59	<b>31</b>	1
60	$43\frac{1}{5}$	1
		Total 60

question	answer	marks
1	$11\frac{3}{4}$	1
2	<b>20</b>	1
3	$36\frac{3}{4}$	1
4	$26\frac{1}{4}$	1
5	$9\frac{1}{6}$	1
6	$21\frac{1}{2}$	1
		Total 6