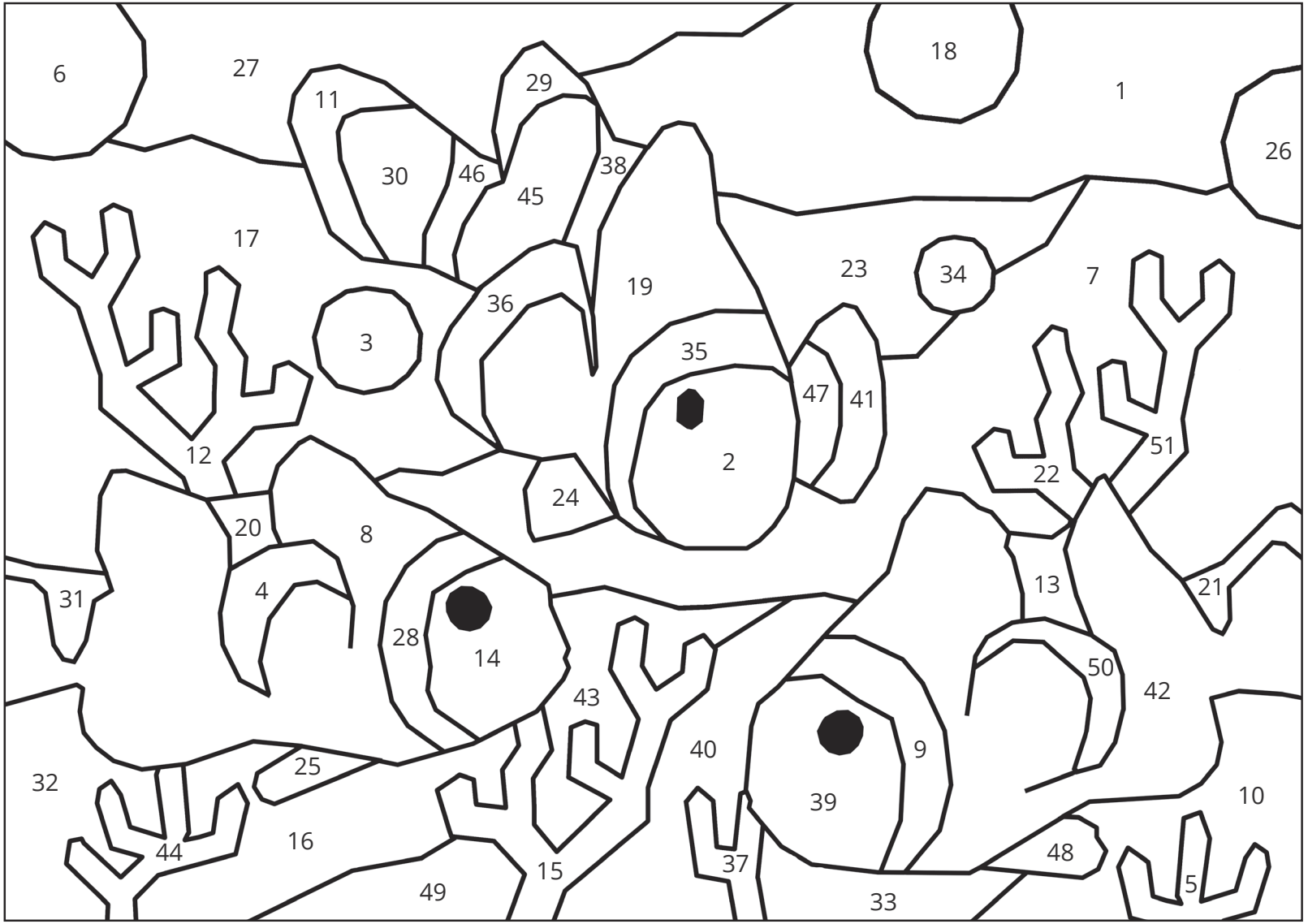
Finding the Whole from a Fraction of an Amount



The number in each section corresponds to a question on the following pages. For each question, find the whole value (original amount) from the fraction of the amount given. Then, use the key to find out which colour to shade that section.

Orange
0 to 10

White
11 to 20

Light Blue
21 to 30

Dark Blue
31 to 40

Green
41 to 50

Light Green
More than 50

Finding the Whole from a Fraction of an Amount

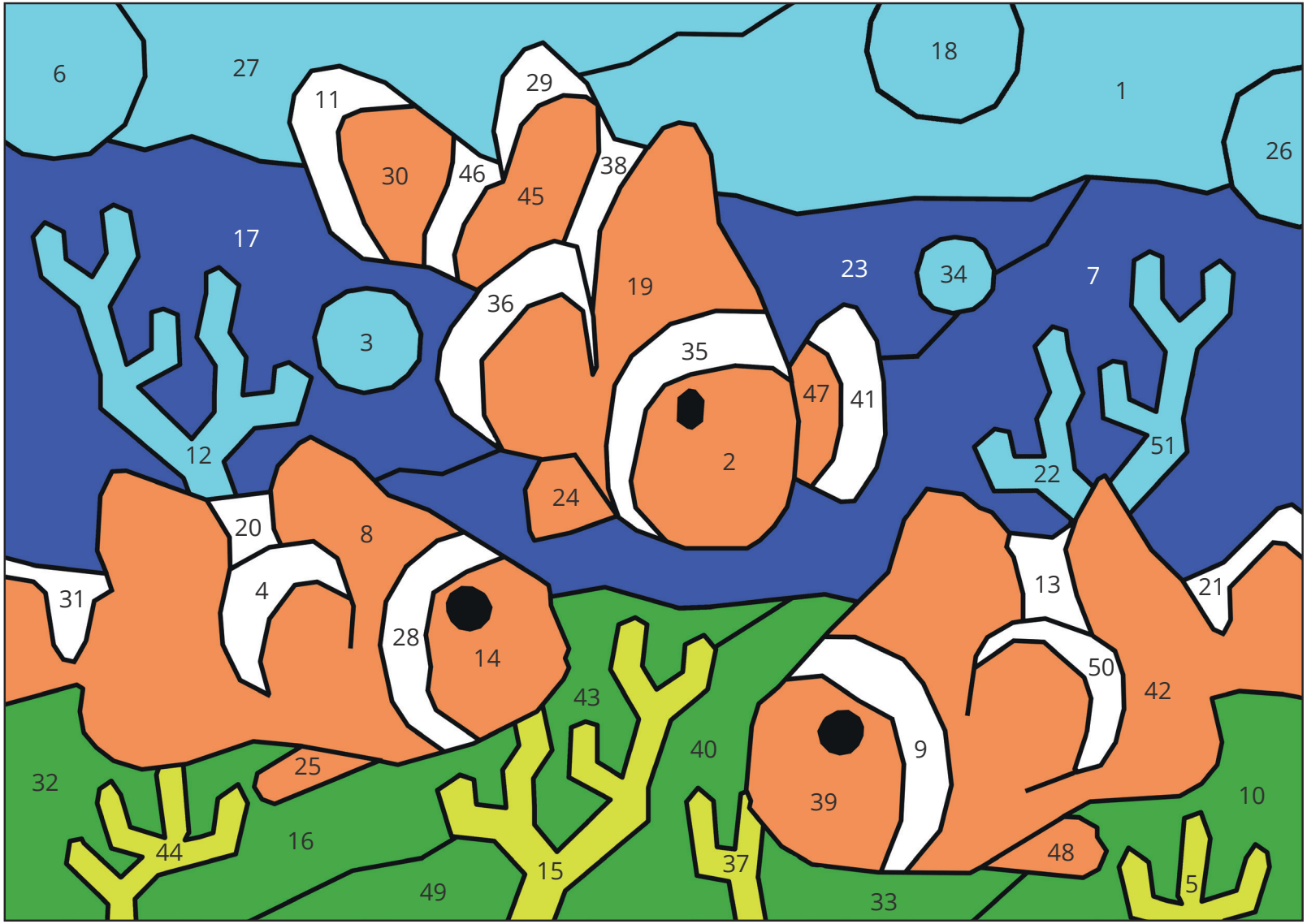
	Questions
1.	$\frac{1}{2}$ of the number is 15. What is the original number?
2.	$\frac{1}{2}$ of the number is 4. What is the original number?
3.	$\frac{1}{4}$ of the number is 6. What is the original number?
4.	$\frac{2}{3}$ of the number is 12. What is the original number?
5.	$\frac{2}{5}$ of the number is 22. What is the original number?
6.	$\frac{1}{4}$ of the number is 7. What is the original number?
7.	$\frac{1}{5}$ of the number is 7.2. What is the original number?
8.	$\frac{3}{4}$ of the number is 7.5. What is the original number?
9.	$\frac{7}{10}$ of the number is 11.9. What is the original number?
10.	$\frac{1}{4}$ of the number is 12. What is the original number?
11.	$\frac{1}{2}$ of the number is 8. What is the original number?
12.	$\frac{3}{4}$ of the number is 19.5. What is the original number?
13.	$\frac{1}{3}$ of the number is 5. What is the original number?
14.	$\frac{1}{4}$ of the number is 2. What is the original number?
15.	$\frac{3}{10}$ of the number is 15.6. What is the original number?
16.	$\frac{3}{4}$ of the number is 33.75. What is the original number?
17.	$\frac{3}{4}$ of the number is 27. What is the original number?
18.	$\frac{3}{8}$ of the number is 9.375. What is the original number?
19.	$\frac{5}{8}$ of the number is 6.25. What is the original number?
20.	$\frac{1}{2}$ of the number is 10. What is the original number?
21.	$\frac{1}{4}$ of the number is 3. What is the original number?
22.	$\frac{2}{5}$ of the number is 10. What is the original number?
23.	$\frac{1}{2}$ of the number is 16. What is the original number?
24.	$\frac{11}{20}$ of the number is 5.5. What is the original number?
25.	$\frac{1}{2}$ of the number is 2. What is the original number?

Finding the Whole from a Fraction of an Amount

26.	$\frac{5}{6}$ of the number is 20. What is the original number?
27.	$\frac{2}{7}$ of the number is 8. What is the original number?
28.	$\frac{3}{4}$ of the number is 12. What is the original number?
29.	$\frac{3}{8}$ of the number is 6.75. What is the original number?
30.	$\frac{3}{4}$ of the number is 4.5. What is the original number?
31.	$\frac{1}{12}$ of the number is 1.5. What is the original number?
32.	$\frac{3}{10}$ of the number is 14.7. What is the original number?
33.	$\frac{4}{5}$ of the number is 36. What is the original number?
34.	$\frac{9}{10}$ of the number is 26.1. What is the original number?
35.	$\frac{2}{7}$ of the number is 4. What is the original number?
36.	$\frac{1}{4}$ of the number is 5. What is the original number?
37.	$\frac{1}{6}$ of the number is 9. What is the original number?
38.	$\frac{1}{5}$ of the number is 2.4. What is the original number?

39.	$\frac{1}{2}$ of the number is 3. What is the original number?
40.	$\frac{5}{7}$ of the number is 30. What is the original number?
41.	$\frac{3}{5}$ of the number is 9.6. What is the original number?
42.	$\frac{17}{50}$ of the number is 3.4. What is the original number?
43.	$\frac{1}{20}$ of the number is 2.1. What is the original number?
44.	$\frac{2}{3}$ of the number is 38. What is the original number?
45.	$\frac{1}{4}$ of the number is 1. What is the original number?
46.	$\frac{4}{5}$ of the number is 12. What is the original number?
47.	$\frac{2}{100}$ of the number is 0.2. What is the original number?
48.	$\frac{1}{4}$ of the number is 2.25. What is the original number?
49.	$\frac{2}{5}$ of the number is 19.2. What is the original number?
50.	$\frac{3}{20}$ of the number is 2.85. What is the original number?
51.	$\frac{3}{4}$ of the number is 18.75. What is the original number?

Finding the Whole from a Fraction of an Amount **Answers**



The number in each section corresponds to a question on the following pages. For each question, find the whole value (original amount) from the fraction of the amount given. Then, use the key to find out which colour to shade that section.

Orange
0 to 10

White
11 to 20

Light Blue
21 to 30

Dark Blue
31 to 40

Green
41 to 50

Light Green
More than 50

Finding the Whole from a Fraction of an Amount **Answers**

	Questions	Answers	
1.	$\frac{1}{2}$ of the number is 15. What is the original number?	**30**	
2.	$\frac{1}{2}$ of the number is 4. What is the original number?	**8**	
3.	$\frac{1}{4}$ of the number is 6. What is the original number?	**24**	
4.	$\frac{2}{3}$ of the number is 12. What is the original number?	**18**	
5.	$\frac{2}{5}$ of the number is 22. What is the original number?	**55**	
6.	$\frac{1}{4}$ of the number is 7. What is the original number?	**28**	
7.	$\frac{1}{5}$ of the number is 7.2. What is the original number?	**36**	
8.	$\frac{3}{4}$ of the number is 7.5. What is the original number?	**10**	
9.	$\frac{7}{10}$ of the number is 11.9. What is the original number?	**17**	
10.	$\frac{1}{4}$ of the number is 12. What is the original number?	**48**	
11.	$\frac{1}{2}$ of the number is 8. What is the original number?	**16**	
12.	$\frac{3}{4}$ of the number is 19.5. What is the original number?	**26**	
13.	$\frac{1}{3}$ of the number is 5. What is the original number?	**15**	
14.	$\frac{1}{4}$ of the number is 2. What is the original number?	**8**	
15.	$\frac{3}{10}$ of the number is 15.6. What is the original number?	**52**	
16.	$\frac{3}{4}$ of the number is 33.75. What is the original number?	**45**	
17.	$\frac{3}{4}$ of the number is 27. What is the original number?	**36**	
18.	$\frac{3}{8}$ of the number is 9.375. What is the original number?	**25**	
19.	$\frac{5}{8}$ of the number is 6.25. What is the original number?	**10**	
20.	$\frac{1}{2}$ of the number is 10. What is the original number?	**20**	
21.	$\frac{1}{4}$ of the number is 3. What is the original number?	**12**	
22.	$\frac{2}{5}$ of the number is 10. What is the original number?	**25**	
23.	$\frac{1}{2}$ of the number is 16. What is the original number?	**32**	
24.	$\frac{11}{20}$ of the number is 5.5. What is the original number?	**10**	
25.	$\frac{1}{2}$ of the number is 2. What is the original number?	**4**	

Finding the Whole from a Fraction of an Amount **Answers**

26.	$\frac{5}{6}$ of the number is 20. What is the original number?	**24**	
27.	$\frac{2}{7}$ of the number is 8. What is the original number?	**28**	
28.	$\frac{3}{4}$ of the number is 12. What is the original number?	**16**	
29.	$\frac{3}{8}$ of the number is 6.75. What is the original number?	**18**	
30.	$\frac{3}{4}$ of the number is 4.5. What is the original number?	**6**	
31.	$\frac{1}{12}$ of the number is 1.5. What is the original number?	**18**	
32.	$\frac{3}{10}$ of the number is 14.7. What is the original number?	**49**	
33.	$\frac{4}{5}$ of the number is 36. What is the original number?	**45**	
34.	$\frac{9}{10}$ of the number is 26.1. What is the original number?	**29**	
35.	$\frac{2}{7}$ of the number is 4. What is the original number?	**14**	
36.	$\frac{1}{4}$ of the number is 5. What is the original number?	**20**	
37.	$\frac{1}{6}$ of the number is 9. What is the original number?	**54**	
38.	$\frac{1}{5}$ of the number is 2.4. What is the original number?	**12**	

39.	$\frac{1}{2}$ of the number is 3. What is the original number?	**6**	
40.	$\frac{5}{7}$ of the number is 30. What is the original number?	**42**	
41.	$\frac{3}{5}$ of the number is 9.6. What is the original number?	**16**	
42.	$\frac{17}{50}$ of the number is 3.4. What is the original number?	**10**	
43.	$\frac{1}{20}$ of the number is 2.1. What is the original number?	**42**	
44.	$\frac{2}{3}$ of the number is 38. What is the original number?	**57**	
45.	$\frac{1}{4}$ of the number is 1. What is the original number?	**4**	
46.	$\frac{4}{5}$ of the number is 12. What is the original number?	**15**	
47.	$\frac{2}{100}$ of the number is 0.2. What is the original number?	**10**	
48.	$\frac{1}{4}$ of the number is 2.25. What is the original number?	**9**	
49.	$\frac{2}{5}$ of the number is 19.2. What is the original number?	**48**	
50.	$\frac{3}{20}$ of the number is 2.85. What is the original number?	**19**	
51.	$\frac{3}{4}$ of the number is 18.75. What is the original number?	**25**	