

 Find the relative frequency as a decimal

1 12 out of 50
0.24

2 7 out of 20
0.35

3 45 out of 100
0.45

4 19 out of 40
0.475

5 3 out of 25
0.12

6 33 out of 200
0.165

 Find the relative frequency as a fraction in its simplest form

7 18 out of 60
 $\frac{3}{10}$

8 12 out of 32
 $\frac{3}{8}$

9 45 out of 75
 $\frac{3}{5}$

10 8 out of 120
 $\frac{1}{15}$

11 28 out of 49
 $\frac{4}{7}$

12 35 out of 150
 $\frac{7}{30}$

 Find the expected number from the probability and the trials

13 0.3, 200 trials
60

14 0.25, 80 trials
20

15 0.6, 45 trials
27

16 0.05, 500 trials
25

17 0.12, 250 trials
30

18 0.45, 80 trials
36

 Find the expected number from the probability and the trials

19 $\frac{2}{5}$, 150 trials
60

20 $\frac{1}{6}$, 300 trials
50

21 $\frac{3}{8}$, 64 trials
24

22 $\frac{5}{9}$, 81 trials
45

23 $\frac{7}{10}$, 120 trials
84

24 $\frac{1}{12}$, 480 trials
40

 Find the number of trials from the probability and the expected number

25 0.25, expected 30
120

26 0.4, expected 18
45

27 $\frac{1}{6}$, expected 15
90

28 0.15, expected 9
60

29 $\frac{3}{4}$, expected 27
36

30 0.08, expected 6
75