

Relative Frequency and Expected Outcomes *fluency*



Find the relative frequency as a decimal

1 12 out of 50

2 7 out of 20

3 45 out of 100

4 19 out of 40

5 3 out of 25

6 33 out of 200



Find the relative frequency as a fraction in its simplest form

7 18 out of 60

8 12 out of 32

9 45 out of 75

10 8 out of 120

11 28 out of 49

12 35 out of 150



Find the expected number from the probability and the trials

13 0.3, 200 trials

14 0.25, 80 trials

15 0.6, 45 trials

16 0.05, 500 trials

17 0.12, 250 trials

18 0.45, 80 trials



Find the expected number from the probability and the trials

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

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

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

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

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

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



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

25 0.25, expected 30

26 0.4, expected 18

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

28 0.15, expected 9

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

30 0.08, expected 6