

# What Happened to the Cat Who Swallowed a Ball of Yarn?

Cross out the box containing each correct answer. When you finish, write the letters from the remaining boxes in the spaces at the bottom of the page.

1 Find the median for each set of data.

- A. 49, 32, 67, 55, 58
- B. 3.1, 5.2, 4.4, 5.0, 3.8, 2.6, 4.7
- C. 29, 12, 30, 22, 7, 23, 36, 15, 18, 9
- D. 81.6, 83.7, 78.5, 82.8, 81.2, 76.3, 83.5, 78.9
- E. 110, 115, 109, 110, 116, 113, 112, 116, 110, 106, 113

F.

Price of Zark VII game at various software stores		
\$41.75	\$43.89	\$42.50
43.40	42.95	39.95
42.90	40.50	40.69
39.95	45.30	42.95

2 The weekly salaries for 5 people who work at a Las Vegas hotel are given in the table.

- A. What is the mean salary?
- B. What is the median salary?

Star of stage show	\$45,000
Hotel manager	2,000
Chief chef	1,500
Publicity director	1,100
Lifeguard	400

3 Find the mode (or modes) for each set of data.

A.

Suit Sizes		
36	39	40
37	39	41
37	39	41
38	40	41
38	40	42
38	40	44
39	40	44

B.

Times in 50-m Dash (s)			
5.7	6.3	6.7	6.9
5.9	6.3	6.7	7.0
6.0	6.4	6.8	7.2
6.0	6.5	6.9	7.3
6.2	6.5	6.9	7.3
6.3	6.7	6.9	7.5

C.

Runs Scored				
3	7	2	8	4
1	4	0	5	7
2	2	4	1	5
7	1	5	6	7
0	5	3	2	2
6	4	9	5	9

4 The table gives typing speeds for 12 students in words per minute (wpm). Find the following for this set of data.

- A. The range
- B. The mean
- C. The median
- D. The mode (or modes)

Name	Speed (wpm)	Name	Speed (wpm)
Danny	31	Allison	30
Celeste	27	Ramon	24
Michael	15	George	18
Kalon	31	Jackie	35
Matt	24	Kim	28
Rachel	13	Robert	24

TH	SH	ON	E	OW	EH	IT	GL	AD	SO	M
25.5 wpm	3	20	22 wpm	\$1,500	27 wpm	6.9 s	112	82.1	24 wpm	\$11,200
E	KN	IT	IS	CA	TE	AM	YA	NK	NS	RN
2 and 5	\$42.70	6.5 s	55	25 wpm	38	81.4	40	4.4	\$43.20	\$10,000