

	<u>Item</u>	<u>Category</u>	<u>Unit</u>	<u>Mean</u>	<u>SD</u>	<u>Minimum</u>	<u>Maximum</u>
1.	What is the area (length and breadth) of the smallest postage stamp in your country?*	Area	cm	3.68	2.36	0.20	10.00
2.	What is the maximum speed of a Harley-Davidson motorbike?	Speed	km/h	237.83	64.80	100.00	483.00
3.	What is the area (length and breadth) of a single bed sheet?*	Area	m ²	2.74	1.54	0.03	9.00
4.	What is the length of the average newborn baby?	Length	cm	42.71	13.16	11.00	80.00
5.	How fast do race horses run?	Speed	km/h	56.62	23.07	0.81	128.75
6.	What is the average jogging speed?	Speed	km/h	9.78	4.10	0.81	20.92
7.	How many segments are there in an orange?	Quantity	segments	12.20	3.99	4.00	30.00
8.	What is the length of a new pencil?	Length	cm	17.62	4.66	6.00	35.00
9.	How heavy is a pair of men's trainers? #	Weight	kg	1.20	0.84	0.02	3.75
10.	How many penguins are there in Spain? #	Quantity	penguins	43.30	70.57	0.00	400.00
11.	What is the maximum speed of a cheetah?	Speed	km/h	118.04	61.11	10.00	435.00
12.	How many proper planets are there in our solar system? #	Quantity	planets	9.48	1.80	6.00	15.00
13.	How heavy is an ironing board? #	Weight	kg	4.45	2.79	0.23	12.70
14.	What is the length of an average men's mountain bike (from tyre to tyre)?	Length	m	1.56	0.45	0.30	3.66

15.	How long is the average shoelace?*	Length	cm	54.34	27.59	0.60	203.00
16.	What is the population of Great Britain? #	Quantity	million	46.04	20.81	1.00	100.00
17.	How tall is the average person in your country?*	Length	m	1.72	0.05	1.52	1.92
18.	How many keys are there on a standard computer keyboard?	Quantity	keys	51.56	15.17	25.00	126.00
19.	How many eyelashes are there on one eyelid?*	Quantity	eyelashes	41.80	23.93	8.00	100.00
20.	How heavy is an average bar of soap? #	Weight	g	135.78	83.40	2.00	400.00
21.	How many seats are there in a long distance single-decker coach? #	Quantity	seats	48.18	17.94	14.00	212.00
22.	What is the height of the Eiffel Tower? #	Length	m	182.23	100.64	6.00	500.00
23.	How heavy is a World Cup football? #	Weight	kg	1.01	0.78	0.01	3.18
24.	What is the average walking speed of the typical healthy adult man?	Speed	km/h	6.11	4.09	0.81	40.23
25.	How long is the average tie?	Length	m	0.86	0.35	0.11	2.74
26.	What is the fastest tennis serve?	Speed	km/h	166.62	74.62	2.00	483.00
27.	What is the area (length and breadth) of a beach towel? #	Area	m ²	1.41	0.77	0.03	3.65
28.	How many keys are there on a standard piano?	Quantity	keys	66.18	32.35	4.00	200.00
29.	How many camels are there in Holland? #	Quantity	camels	9.37	12.54	0.00	50.00

30.	What is the age of the oldest person in your country?	Quantity	age	116.00	6.76	102.00	140.00
31.	How heavy is a standard house brick?#	Weight	kg	1.63	0.90	0.01	4.08
32.	What is the average area (length and breadth) of a typical hinged door?#	Area	m ²	1.86	0.39	0.91	2.81
33.	What is the length of an average man's spine?	Length	cm	87.90	22.26	18.00	183.00
34.	What is the length of a Boeing 747?#	Length	m	76.50	52.13	6.00	250.00
35.	What is the maximum speed of a cyclist?	Speed	km/h	57.85	32.40	6.00	241.00
36.	How many strings are there on a harp?	Quantity	strings	41.22	34.05	4.00	267.00
37.	What is the maximum speed of a Formula 1 car?	Speed	km/h	346.88	89.73	84.00	805.00
38.	How tall is the average 6 year old boy?*	Length	m	1.05	0.19	0.61	2.50

More than 10% participants scored 3 points.

* Excluded from final CET versions.

Percentiles						
Item	5 th	10 th	20 th	80 th	90 th	95 th
1	1.00	1.00	1.52	6.46	6.50	9.00
2	145.00	161.00	193.00	290.00	322.00	334.00
3	0.74	1.11	1.62	3.73	4.61	5.94
4	23.00	25.00	30.00	53.00	60.00	61.00
5	20.28	32.19	40.23	72.42	91.40	96.56
6	3.22	4.83	6.44	14.16	16.09	16.09
7	8.00	8.00	10.00	16.00	16.00	19.50
8	10.00	10.80	15.00	20.00	23.00	25.00
9	0.23	0.28	0.45	1.92	2.27	3.00
10	0.00	0.00	0.00	100.00	150.00	200.00
11	49.25	64.00	80.00	138.00	189.00	269.75
12	7.00	8.00	8.00	11.00	12.00	13.00
13	1.00	1.50	2.00	6.80	9.07	10.00
14	0.91	1.02	1.22	1.83	2.00	2.23
15	18.40	25.40	30.50	76.20	94.46	100.00
16	6.95	11.80	20.00	60.00	63.10	65.10
17	1.65	1.68	1.68	1.76	1.78	1.80
18	35.00	40.00	40.00	60.00	70.00	80.00
19	15.00	18.00	20.00	60.00	80.00	100.00
20	25.00	40.00	57.00	200.00	227.00	290.00
21	30.00	32.00	35.00	56.00	64.00	80.00

22	32.00	61.00	91.00	290.00	305.00	347.50
23	0.11	0.20	0.33	1.50	2.00	2.76
24	3.21	3.22	4.02	8.04	8.05	9.66
25	0.30	0.45	0.61	1.07	1.22	1.36
26	33.20	48.00	98.80	229.00	243.80	274.00
27	0.37	0.50	0.74	2.00	2.57	3.00
28	30.00	32.00	40.00	88.00	100.00	120.00
29	0.00	0.00	0.00	20.00	25.80	34.80
30	106.00	108.50	110.00	121.00	125.00	129.75
31	0.46	0.68	0.91	2.27	3.00	3.18
32	1.11	1.37	1.55	2.11	2.42	2.58
33	50.00	61.00	75.00	100.00	111.00	122.00
34	18.00	25.00	30.00	120.00	152.00	200.00
35	16.00	19.00	32.00	80.00	97.00	113.00
36	8.20	12.00	17.00	60.00	80.00	98.00
37	209.25	240.50	290.00	402.00	451.00	483.00
38	0.76	0.87	0.91	1.21	1.22	1.24

* p>.05

Item	Corrected Item-Total Correlation	Alpha if Item Deleted
1	.24	.61
2	.20	.62
3	.26	.61
4	.34	.60
5	.25	.62
6	.16	.62
7	.21	.62
8	.15	.63
11	.32	.60
14	.14	.63
15	.25	.61
17	.32	.60
18	.27	.61
19	.24	.62
24	.21	.62
25	.18	.62
26	.30	.61
28	.15	.63
30	.24	.61
33	.20	.62
35	.26	.61

36	.34	.60
37	.25	.62
38	.16	.62

Education (years)	Gender	Age (years)					
		<u>18-29</u>	<u>30-39</u>	<u>40-49</u>	<u>50-59</u>	<u>60-69</u>	<u>70-79</u>
9-11	M	6.00	6.67	7.20	3.00	2.50	8.00
		(1.41)	(4.04)	(1.30)	(4.36)	(1.76)	(8.49)
	F	7.80	-	5.00	4.33	6.83	9.80
		(3.42)	-	(4.58)	(4.16)	(2.14)	(8.29)
12-15	M	3.89	6.25	6.33	3.33	3.67	5.00
		(1.76)	(2.63)	(3.51)	(1.75)	(4.72)	(2.58)
	F	6.60	7.75	5.43	7.00	3.80	3.20
		(3.05)	(2.06)	(3.46)	(4.00)	(2.95)	(2.49)
16-22	M	3.14	4.40	3.60	1.20	5.67	2.67
		(1.95)	(4.28)	(2.30)	(1.30)	(4.04)	(3.79)
	F	5.88	5.64	6.00	4.33	2.67	5.20
		(3.40)	(2.58)	(3.22)	(2.90)	(2.07)	(4.09)

M = Male; F = Female

Education (years)	Gender	Age (years)					
		<u>18-29</u>	<u>30-39</u>	<u>40-49</u>	<u>50-59</u>	<u>60-69</u>	<u>70-79</u>
9-11	M	8.50 (3.54)	5.33 (3.79)	3.20 (2.28)	4.67 (1.53)	3.67 (3.33)	5.00 (5.66)
	F	9.00 (5.29)	- -	7.67 (6.43)	10.33 (4.93)	7.33 (4.50)	10.60 (7.77)
12-15	M	5.89 (3.22)	5.25 (3.86)	4.67 (4.51)	1.67 (1.75)	4.67 (1.86)	1.50 (1.29)
	F	9.60 (3.85)	9.25 (6.55)	5.57 (2.44)	7.57 (2.57)	5.80 (2.17)	5.80 (4.55)
16-22	M	5.71 (1.50)	2.80 (2.39)	3.20 (2.59)	3.20 (2.49)	6.33 (4.73)	1.33 (0.58)
	F	5.25 (4.23)	5.36 (3.23)	4.83 (2.14)	4.67 (3.89)	4.67 (1.21)	3.20 (1.92)

M = Male; F = Female

Age	Gender	Education (years)									
		<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>
20	M	-2	-2	-2	-2	-1	-1	-1	0	0	0
	F	-4	-4	-3	-3	-3	-3	-2	-2	-2	-1
25	M	-2	-2	-2	-1	-1	-1	0	0	0	0
	F	-4	-4	-3	-3	-3	-2	-2	-2	-2	-1
30	M	-2	-2	-2	-1	-1	-1	0	0	0	1
	F	-4	-3	-3	-3	-3	-2	-2	-2	-1	-1
35	M	-2	-2	-1	-1	-1	0	0	0	0	1
	F	-4	-3	-3	-3	-2	-2	-2	-2	-1	-1
40	M	-2	-2	-1	-1	-1	0	0	0	1	1
	F	-3	-3	-3	-3	-2	-2	-2	-1	-1	-1
45	M	-2	-1	-1	-1	0	0	0	0	1	1
	F	-3	-3	-3	-2	-2	-2	-2	-1	-1	-1
50	M	-2	-1	-1	-1	0	0	0	1	1	1

	F	-3	-3	-3	-2	-2	-2	-1	-1	-1	0
55	M	-1	-1	-1	0	0	0	0	1	1	1
	F	-3	-3	-2	-2	-2	-2	-1	-1	-1	0
60	M	-1	-1	-1	0	0	0	1	1	1	1
	F	-3	-3	-2	-2	-2	-1	-1	-1	0	0
65	M	-1	-1	0	0	0	0	1	1	1	2
	F	-3	-2	-2	-2	-2	-1	-1	1	0	0
70	M	-1	-1	0	0	0	1	1	1	1	2
	F	-3	-2	-2	-2	-1	-1	-1	0	0	0
75	M	-1	0	0	0	0	1	1	1	2	2
	F	-2	-2	-2	-2	-1	-1	-1	0	0	0
80	M	-1	0	0	0	1	1	1	1	2	2
	F	-2	-2	-2	-1	-1	-1	0	0	0	0

Version A (Male):

$$K = [0.03 \times (\text{age} - 48.07)] + [0.30 \times (\text{education} - 14.33)]$$

Version A (Female):

$$K = [0.03 \times (\text{age} - 48.07)] + [0.30 \times (\text{education} - 14.33)] - 1.63$$

Age	Gender	Education (years)									
		<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>
20	M	-3	-3	-2	-2	-2	-1	-1	0	0	0
	F	-6	-5	-5	-5	-4	-4	-3	-3	-3	-2
25	M	-3	-3	-2	-2	-1	-1	-1	0	0	1
	F	-6	-5	-5	-4	-4	-4	-3	-3	-2	-2
30	M	-3	-2	-2	-2	-1	-1	0	0	0	1
	F	-5	-5	-5	-4	-4	-3	-3	-3	-2	-2
35	M	-3	-2	-2	-1	-1	-1	0	0	1	1
	F	-5	-5	-4	-4	-4	-3	-3	-2	-2	-2
40	M	-2	-2	-2	-1	-1	0	0	0	1	1
	F	-5	-5	-4	-4	-3	-3	-3	-2	-2	-1
45	M	-2	-2	-1	-1	-1	0	0	1	1	1
	F	-5	-4	-4	-4	-3	-3	-2	-2	-2	-1
50	M	-2	-2	-1	-1	0	0	0	1	1	2

	F	-5	-4	-4	-3	-3	-3	-2	-2	-1	-1
55	M	-2	-1	-1	-1	0	0	1	1	1	2
	F	-4	-4	-4	-3	-3	-2	-2	-2	-1	-1
60	M	-2	-1	-1	0	0	0	1	1	2	2
	F	-4	-4	-3	-3	-3	-2	-2	-1	-1	-1
65	M	-1	-1	-1	0	0	1	1	1	2	2
	F	-4	-4	-3	-3	-2	-2	-2	-1	-1	0
70	M	-1	-1	0	0	0	1	1	2	2	2
	F	-4	-3	-3	-3	-2	-2	-1	-1	-1	0
75	M	-1	-1	0	0	-1	1	1	2	2	3
	F	-4	-3	-3	-2	2	-2	-1	-1	0	0
80	M	-1	0	0	0	-1	1	2	2	2	3
	F	-3	-3	-3	-2	2	-1	-1	-1	0	0

Version B (Male):

$$K = [0.04 \times (\text{age} - 48.07)] + [0.40 \times (\text{education} - 14.33)]$$

Version B (Female):

$$K = [0.04 \times (\text{age} - 48.07)] + [0.40 \times (\text{education} - 14.33)] - 2.54$$