

Numeracy Tests Homework : Year 7 Answers



Qu	Hmk 1	Hmk 2	Hmk 3	Hmk 4	Hmk 5
1	0.25, 0.895	7.75, 0.105	9.75, 8.65	9.75, 8.65	8.6, 7.92
2	24.9	25	13.5	13.5	£8
3	£17.00 (approx.)	£120.00 (approx.)	210g (approx.)	210g (approx.)	350km (approx.)
4	6, 10, 15 12	8, 20, 10, 2 12 (none)	5, 2, 3, 12 10	12, 30, 25, 62 45	5, 2, 3, 12 10
5	2,800 4000000	4,200 5,400,312	34,670 Seventy six thousand, five hundred and forty	3,000 30,000	34,670 Seventy six thousand, five hundred and forty
6	8	59	132	4	132
7	0.25, $\frac{7}{10}$, 50%	0.1, $\frac{7}{100}$, 25%	0.3, $\frac{2}{10}$, 33.3%	76%, 0.03, 98%	0.3, $\frac{1}{4}$, 40%
8	48cm ² , 32cm	45cm ² , 29cm	4.2cm ² , 9.4cm	108cm ² , 42cm	30m ² , 29m
9	£6.00	£40	£30	£630	£120
10	22	22	5	2	3
11	0.42, 6.5	6, 6.8	1.2, 4.2	24, 1.8	2.4, 2
12	12	17	52	24	19
13				61°	
14	24mm, 340cm	7.8cm, 7.6m	789mm, 70cm	3km, 0.087m	789mm, 70cm
15	58mph	28°C	54mph	85kg	54mph
16	16	9+4=13	64	49	121
17	£3.20	£3	£24	£6.94	£8
18	7:58pm	13hrs and 36mins	40mins	17mins	12pm
19	40g	27	180g	£1.60	8
20	60cm, 120cm, 10-11.	5, 20, 10	35, between 3 and 5	Exeter by 10miles	72



Qu	Hmk 6	Hmk 7	Hmk 8	Hmk 9	Hmk 10
1	464+387	350, 112	115	181	58.17
2	500, 240, 2	1800, 880, 2	2100, 120, 13	600, 1790, 156	7000, 2400, 19
3	350km (approx.)	63 (approx.)	£730 (approx.)	£44 (approx.)	180cm (approx.)
4	left circle: 16 right circle: 6, 21 Overlap: 12 Outside: 10	10, 20, 30, 40 1, 2, 3, 4, 6, 8, 12, 24	left circle: 5, 10 right circle: 12 Overlap: 2, 3	none, 2, 8, 12 5, 20	3, 15, 5, 2 12, 10
5	2500, 15000	420, 15000	7611, one hundred and twenty thousand, four hundred and fifty	3,407,000 Sixty seven thousand, eight hundred and ninety	20,000 Sixty seven thousand, three hundred and twenty
6	52	15	39	22	2
7	6.666..., $\frac{6}{10}$, 30%	0.8, $\frac{5}{100}$ or $\frac{1}{20}$, 70%	90%, 0.75, 17%	17%, 0.174, 68%	76%, 0.03, 98%
8	28cm ² , 31cm	64cm ² , 44cm	0.3m ² or 3000cm ² 3.4m or 340cm	70cm ² or 7000mm ² 34cm or 340mm	0.6km ² , 3.2km
9	£24	£140	£182	£120	£49.50
10	10	10.5	11	6	3. $\dot{7}$
11	10, 10.5	6, 0.6	20, 3.5	1.2, 4.5	9, 2.8
12	32	45	24	23	48
13	30° (± 2°)	30° (± 2°)	10° (± 2°)	110°	57°
14	35, 7.8	35cm, 7.8km	3.5km, 14200m	4km, 7800m	1.23km, 0.98m
15	80g	Arrow just before first notch after 500	Arrow halfway between 300 and 400	550g	65kg
16	36	27	169	400	25
17	£35	£17.80 profit	£6.10	£8	£2.20
18	10:45	10:00	2 mins, 9 secs	8hrs 18mins	23mins
19	6.6666...	20	£2.40	£210	80p
20	27, 18, 18	27, 9, 27, 27	60	390, 302	Carlisle by 194miles