

Year 5 Homework 14 Answers

Vocab 14	Ozone	Cloze	Pied Piper	Shuffle Sentence
1) M	1 C	-----		1) a truthful man is admired by all people (their)
2) J	2 A	1) olden		2) Mary has had twelve hamsters so far very
3) F	3 B	2) infested		3) they drove for miles to get away (when)
4) L	4 D	3) gnawed		4) I was cleaning my room when mum arrived (tidy)
5) D	5 D	4) cousins		5) tuition had been a great help to me (did)
6) G	6 C	5) acceptable		6) it is unlikely that it will snow tomorrow (must)
7) E	7 A	6) cradle		7) Dan was admired for being a hospitable host (are)
8) C		7) many		8) George was invited to the fancy dress party (were)
9) H		8) plague		9) Paul's family and mine are going skiing together (my)
10) I		9) racking		10) use the car as sparingly as you can (would)
11) A	Washing face	10) piercing	1 The <u>tightrope walker</u> carried a balancing pole.	7 There are some books – including story books – in the cupboard. <input checked="" type="checkbox"/>
12) K	1) C		2 • <i>Dash/dashes/pair of dashes</i>	Our classroom, at the end of the corridor, has a red door. <input checked="" type="checkbox"/>
13) N	2) D		3 Josef has <u>beautiful</u> writing. <i>Adjective</i>	<input type="checkbox"/>
14) B	3) A		4 Josef writes <u>beautifully</u> . <i>Adverb</i>	8 During the winter months, the sun <u>does</u> not appear high in the sky and the days <u>are</u> much shorter than the nights.
	4) A		5 <u>On</u> a mountain bike, you can cycle <u>across</u> rocky ground, <u>along</u> muddy paths and <u>over</u> harsh terrain.	<input type="checkbox"/>
	5) A		6 My grandmother is a ballroom–dancing champion, poet and singer.	9 <u>the</u> island called <u>zanzibar</u> is in the <u>indian</u> <u>ocean</u> off the coast of <u>africa</u> .
	6) D		7 <i>In the first sentence, there is only one brother.</i>	10 There <u>were</u> hundreds of gulls <u>circling</u> in the sky. They <u>gathered</u> near the dock, <u>searching</u> for scraps.

1. Chloe made a list of her homework marks.

4 5 5 5 4 3 2 1 4 5

(a) Write down the mode of her homework marks.

mode is most popular 5

(b) Work out her mean homework mark.

mean = $\frac{\text{Total}}{\text{How many}} = \frac{38}{10}$ 3.8

2. Peter rolled a 6-sided dice ten times.

Here are his scores.

3 2 4 6 3 3 4 2 5 4

(a) Work out the median of his scores.

2, 2, 3, 3, 3, 4, 4, 4, 5, 6
 2 numbers in middle | Add them up and divide by 2 | $\frac{3+4}{2} = 3.5$ 3.5

(b) Work out the mean of his scores.

mean = $\frac{\text{Total}}{\text{How many}} = \frac{36}{10}$ 3.6

(c) Work out the range of his scores.

Hi - lo = 6 - 2 = 4 4

A) The mean of eight numbers is 41 – what is their total?

..... 328

Total = mean x how many
 = 41 x 8
 = 328

B) The mean of the first two of these number is 29 – what is their total?

..... 58

Total = mean x how many
 = 29 x 2 = 58

C) What is the total of the other 6 numbers

(work out the difference between A & B) 270

328 - 58
 = 270

D) What is the mean of the other 6 numbers?

..... 45

mean = $\frac{\text{Total}}{\text{How many}} = \frac{270}{6} = 45$

Mary has received the following marks on

her first 4 Maths tests: 87, 93, 91 and 88.

Total of 4 maths test =
 87 + 93 + 91 + 88 = 359

What marks must she receive on her 5th test to have an average of 90 in the class?

New mean = 90

New How many = 5

New Total = Mean x How many

= 90 x 5 = 450

..... 91

Averages

- 1) 19
- 2) 10
- 3) 7
- 4) No question
- 5) 124km
- 6) 15
- 7) 49
- 8) 36
- 9) 8, 20, 14
- 10) 2
- 11) 20
- 12) 10 years
11 months

NVR Odd One Out

- 1) d
- 2) d
- 3) c
- 4) d

NVR Codes

- 1) b
- 2) d
- 3) e
- 4) a

NVR Series

- 1) b
- 2) b
- 3) c
- 4) c

NVR Analogy

- 1) b
- 2) d
- 3) b
- 4) b

NVR Similarities

- 1) c
- 2) b
- 3) c
- 4) b

NVR Matrces

- 1) c
- 2) c
- 3) b
- 4) d

Letter Sequences: Test

1. GI (+1=G, +1=I)
2. VU (+2=V, +2=U)
3. ZW (-2=Z, -3=W)
4. QJ (-1=Q, +1=J)
5. SA (+1 +2 +3 +4 +5=S, +1 +2 +3 +4 +5=A)
6. CD (leapfrogging: +2=C, +2=D)

Letter Codes: Test

1. KM (+3 +3)
2. KN (letter partners numbered 11 13)
3. VU (letter partners numbered 5 6)
4. TW (+2 +2)
5. ZU (+3 -1)
6. OK (letter partners numbered 12 11)

Word Codes Test

1. QSCQIF (+2 +1 +2 +1 +2 +1)
2. JMHFGS (-1 -1 -1 -1 -1 -1)
3. DRIZZLE (letter partners 4 9 9 1 1 12 5)
4. LEMON (-1 -2 -3 -4 -5)
5. EZOOVB (letter partners 5 1 12 12 5 2)
6. ZMRNZO (letter partners 1 13 9 13 1 12)