

Elite Year 4 Homework Answers

Vocabulary

- c. 1. bizarre
- e. 2. moist
- g. 3. enormous
- b. 4. miniature
- a. 5. larvae
- b. 6. intruder
- f. 7. segmented
- d. 8. horrified

Kohinoor

- 1) B
- 2) C
- 3) D
- 4) C
- 5) A
- 6) D

The Crow

- 1) D
- 2) d
- 3) d
- 4) a
- 5) b
- 6) d
- 7) d

Cloze

- 1) live
- 2) poisonous
- 3) shut
- 4) seized
- 5) different
- 6) particles
- 7) dim
- 8) disagreeable
- 9) value
- 10) consent
- 11) accustomed
- 12) oxygen

The cracked earth was as dry as sandpaper. Suddenly, lightning forked in the sky like fluorescent veins. The sky darkened to a moody grey and thunder roared like an angry lion. Rain sluiced down from the sky, drenching the parched earth.

1. sun. / hair / Her / is / as / as / the / blond

Her hair is as blond as the sun.

2. laundry / kitten. / The / as / was / soft as / a

The laundry was as soft as a kitten.

3. was / ferocious / as / wolf. / dog / The / as / a

The dog was as ferocious as a wolf.

4. Those / as / plates. / earrings / big / are / as / dinner

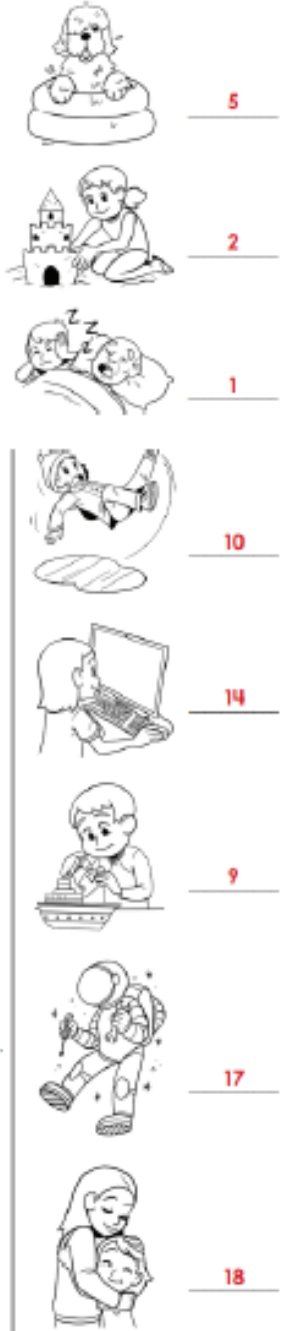
Those earrings are as big as dinner plates.

5. candle / like / a / roared / camp fire. / The

The candle roared like a camp fire.

Adverbs

1. My grandpa snores loudly.
2. Chloe played on the beach yesterday.
3. I will visit my friend tomorrow.
4. George, will you come here?
5. My sheepdog sat lazily in the pool.
6. Neil slowly placed a card on the card house.
7. Neil stopped suddenly and listened.
8. Nathan stamped his feet angrily.
9. I carefully glued the last piece onto the model.
10. Sam accidentally slipped on the ice.
11. Yesterday, they played a game.
12. The truck grumbled loudly.
13. We will go to the concert soon.
14. Jen waited patiently for the computer to load.
15. Kayla finally arrived at the park.
16. My mother nicely reminded me to do my homework.
17. The astronaut easily fixed the problem.
18. I usually hug my mother when I get home.
19. My dog always barks.
20. Peter neatly wrote a shopping list.



Ratio and Proportion

What is the ratio of \star to \oplus ? = $30:48 = 5:8$ (Simplified)

What is the ratio of \oplus to $(\star + \oplus)$? = $48:78 = 8:13$

1)

3	9	
4	12	

 $\times 3$ (up), $\div 3$ (down)

2)

8	40	
11	55	

 $\times 5$ (up), $\div 5$ (down)

3)

10	100	
11	110	

 $\times 10$ (up), $\div 10$ (down)

Which two types of cars have equivalent ratios of miles traveled to hours of time during the trip? Lexus + Fiat (Simplify)

Cars	Miles Traveled	Hours of Time
Lexus	34 $\div 17$	2 $\div 1$
Dodge	36 $\div 18$	2 $\div 1$
Ford	48 $\div 16$	3 $\div 1$
Fiat	51 $\div 17$	3 $\div 1$

- 1) 6 gallons to 12 gallons $1:2$
- 2) 7 snow days out of 35 days $1:5$
- 3) 7 quarts to 84 quarts $1:12$
- 4) 8 footballs to 18 footballs $4:9$

1) The ratio of the weight of Meg's cat to the weight of Anne's cat is 5:7. Meg's cat weighs 20 kg.

How much more does Anne's cat weigh?

$$\begin{array}{r} 5:7 \\ \times 4 \downarrow \downarrow \times 4 \\ 20:28 \end{array} \quad \underline{28 \text{ kg}} \quad \text{Be sure to copycat!}$$

2) Pat the Painter mixed 3 pints of yellow paint with 4 pints of green paint to make a nifty new colour.

He used 27 pints of yellow paint.

How many pints of green paint will he need?

$$\begin{array}{r} Y:G \\ 3:4 \\ \times 9 \downarrow \downarrow \times 9 \\ 27:36 \end{array} \quad \underline{36 \text{ kg}}$$

3) The ratio of boys to girls at the basketball game is 8:5. There are 30 girls.

How many more boys are there than girls?

$$\begin{array}{r} B:G \\ 8:5 \\ \times 6 \downarrow \downarrow \times 6 \\ 48:30 \end{array} \quad \begin{array}{l} 48 - 30 = 18 \\ \underline{18 \text{ more boys}} \end{array}$$

4) Craig and Brian looked for seashells.

For every 9 seashells Craig found, Brian found 7.

Craig found 54 seashells.

How many fewer seashells did Brian find than Craig?

$$\begin{array}{r} C: B \\ 9:7 \\ \times 6 \downarrow \downarrow \times 6 \\ 54:42 \end{array} \quad \begin{array}{l} \underline{54 - 42 = 12 \text{ fewer}} \end{array}$$

a) How much of each of the ingredients would you need for 5 servings?

$$\begin{aligned} (200 \div 2) &= 100 \text{ g flour} & (4 \div 2) &= 2 \text{ eggs} \\ (100 \div 2) &= 50 \text{ g sugar} & (10 \div 2) &= 5 \text{ ml vanilla extract} \\ (50 \div 2) &= 25 \text{ g butter} & (240 \div 2) &= 120 \text{ ml water} \end{aligned}$$

b) How much for 20 servings?

$$\begin{aligned} (200 \times 2) &= 400 \text{ g flour} & (4 \times 2) &= 8 \text{ eggs} \\ (100 \times 2) &= 200 \text{ g sugar} & (10 \times 2) &= 20 \text{ ml vanilla extract} \\ (50 \times 2) &= 100 \text{ g butter} & (240 \times 2) &= 480 \text{ ml water} \end{aligned}$$

c) If you had 20 eggs, how many servings could you make?

$$\begin{array}{r} \times 5 \\ \hline 4 \rightarrow 20 \end{array} \quad \begin{array}{l} 1 \times 8 = \\ 8 \text{ servings} \end{array}$$

d) 100g of butter would make how many servings?

$$\underline{20 \text{ servings}}$$

1) Sam has 20 crayons. She has 3 blue crayons for every 2 green ones. How many blue crayons does she have?

$$\begin{array}{l} B : G \\ 3 : 2 \end{array} \quad \begin{array}{l} 3 + 2 = 5 \\ 20 \div 5 = 4 \\ 4 \times 3 = 12 \text{ blue crayons} \\ \text{(since 3 blues)} \end{array}$$

2) The ice cream man sells 3 vanilla ice creams to every two chocolate ice creams. If he sells 35 ice creams altogether how many vanilla ice creams did he sell?

$$\begin{array}{l} V : C \\ 3 : 2 \end{array} \quad \begin{array}{l} 3 + 2 = 5 \\ 35 \div 5 = 7 \\ 7 \times 3 = \underline{21 \text{ vanilla}} \end{array}$$

3) Carol makes four phone calls for every three that James makes. If they make 140 calls in a week how many calls did James make

$$\begin{array}{l} C : J \\ 4 : 3 \end{array} \quad \begin{array}{l} 4 + 3 = 7 \\ 140 \div 7 = 20 \\ 20 \times 3 = \underline{60 \text{ calls for}} \end{array}$$

NVR Series

- 1) A
- 2) C
- 3) C
- 4) B
- 5) D
- 6) B
- 7) C
- 8) B
- 9) A
- 10) C

Hidden Word

- 1) **best hat** — The hidden word is 'that'.
- 2) **time at** — The hidden word is 'meat'.
- 3) **No seats** — The hidden word is 'nose'.
- 4) **Sea monsters** — The hidden word is 'seam'.
- 5) **swam ashore** — The hidden word is 'mash'.
- 6) **Ted after** — The hidden word is 'daft'.
- 7) **carry our** — The hidden word is 'your'.
- 8) **fabric home** — The hidden word is 'rich'.
- 9) **gremlin evaporated** — The hidden word is 'line'.
- 10) **safe around** — The hidden word is 'fear'.
- 11) **koalas this** — The hidden word is 'last'.
- 12) **Caleb asked** — The hidden word is 'bask'.