



Question Number	Answer	Solution
1	D	<p>A is not the answer as you cannot assume that it is only hungry, it might need to go to the toilet in the backyard</p> <p>B is not the answer as you cannot assume the dog follows human meal times, it may be hungry before dinner time</p> <p>C Can't be this as the above are both wrong</p> <p>D is the answer as the above were both incorrect. (Process of elimination)</p> <p>Tip: Try to not make any definitive judgements when there are other reasons that exist.</p>
2	A	<p>A is the answer as you first need to minus 10 legs from the total (as there are 5 farmers). With 168 legs, as there are twice as many pigs and cows, then the ratio will be 1:2 (meaning there are 3 parts). You divide 168 by 3 to get 1 part (56 legs). As the ratio of pigs to cows is 1:2, it is one part and hence 56. You divide 56 by 4 to get the number of pigs (14)</p> <p>B is not the answer</p> <p>C is not the answer</p> <p>D is not the answer. This would be the number of cows not the pigs.</p> <p>Tip: Minus the 10 from the beginning and calculate carefully.</p>
3	C	<p>A is not the answer (refer to tip below).</p> <p>B is not the answer (refer to tip below).</p> <p>C is the answer (refer to tip below).</p> <p>D is not the answer (refer to tip below).</p> <p>Tip: You need to know that a dodecahedron has 12 faces. If 7 of those faces are painted, then 5 would not be green.</p>
4	B	<p>A is a true statement</p> <p>B is the answer as you are trying to find the false statement and wearing a mask does not indicate you are sick. Only if you are sick you have to wear it but you can still wear it even if you aren't sick.</p> <p>C a true statement</p> <p>D a true statement</p> <p>Tip: Understand just because you have to do something when you are sick, doesn't mean you can't do it when you are not.</p>
5	A	<p>A is the correct answer. Jen has rolled a 4. David must roll a 5 or a 6 to win. There are six possibilities in one roll: 1, 2, 3, 4, 5, 6. This means he has a 2/6 or a 1/3 chance to win.</p> <p>B is not the answer</p>

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- C is not the answer
D is not the answer

Tip: Understand the ratio that 2 in 6 equals 1 in 3 chance.

6

A

- A is the answer as you need to just write out the days. Work backwards to get to Tuesday as your current day with Wednesday being tomorrow. Thus Mon will be yesterday**
B is not the answer
C is not the answer
D is not the answer

Tip: Need to understand the language and count the days backwards / forwards. Write out the days to make it easier.

7

D

- A is Jeremy's age.
B is not the answer.
C is not the answer
D the combined age is 29. If we remove 5 from that, so 24, this is double of Jeremy's age. So, Jeremy must be 12 years old. As Andrew is 5 years older, he must be 17.

Tip: Work backwards to find the answer

8

B

- A not the answer (refer to tip below).
B is the correct answer (refer to tip below).
C not the answer (refer to tip below).
D not the answer (refer to tip below).

Tip: 1 worker can make 5 cans in 30 minutes – 1:5:30
(given by the question)
2 workers can make 10 cans in 30 minutes – 2:10:30
(because they work double the speed)
2 workers can make 20 cans in 1 hour – 2:20:60
(because if they have to make double the cans, they take double the time)

9

B

- A We don't know if Kim is older than Jennifer we only know they are both younger than Waylon
B is correct as it holds true for both statements
C is not the answer as we do not know this information
D is also we do not know this information

Tip: When you extract information make sure it is there. Don't make up new information

10

B

- A is not the answer (refer to B explanation)
B is the answer. We know that there are 5 people at the party including Andrew and Matthew. This means that they do not know 3 of the people. Both A and M have to shake hands with the 3, totalling 6 handshakes.
C is not the answer (refer to B explanation)
D is not the answer (refer to B explanation)

Tip: Read the question carefully to see what needs to be calculated.

11	B	A	is not the answer
		B	is the answer as you calculate the coins that are the higher value first until you cannot use any more of them then slowly go down in value. 3 \$2 can be used in \$7.85, leaving the change as \$1.85. If we subtract 1 \$1 from it we get \$0.85. Subtracting 1 50c gives us 35c. 35c is made up of 1 20c, 1 10c, 1 5c. In total there are 8 coins used.
		C	is not the answer
		D	is not the answer
		Tip:	Tally out what coins you are using so you do not get confused
12	D	A	is not the answer
		B	is not the answer
		C	is not the answer
		D	is the answer as you draw out the desks and slot the right people in according to the information
		Tip:	Read the information and lay out everything in front of you.
13	B	A	is not the answer
		B	is the answer. If the price was increased by 25%, then the current price, \$250 is 125% of the original price. 1% is worth \$2. 25% is worth \$50. That means if we subtract 25% (\$50) from 125% (\$250) we obtain the original price, which is \$200.
		C	is not the answer
		D	is not the answer
		Tip:	think about percentages as ratios if that is easier ($1/4 = 25\%$)
14	C	A	is \$11
		B	is \$10
		C	is the answer as it is the cheapest \$8
		D	is \$9
		Tip:	Do all the calculations to make your decision
15	A	A	is the answer because 576 divided by 8 is 72. So it takes 720 seconds to write 576 words. 720 seconds is 12 minutes. (720/60=12)
		B	is not the answer
		C	is not the answer
		D	is not the answer
		Tip:	There is no seconds remaining as the answer divides through perfectly into minutes.
16	A	A	is the answer as it holds true according to the information we were given.
		B	is not true as we need to get a notification when our taxi arrives.
		C	is not the answer
		D	is not the answer
		Tip:	Don't think about what COULD be right, you need to choose the one which holds true in all circumstances.

17	D	A is not the answer as he might still not be picked for the running team. B same as A (still might not be picked) C is incorrect D is the answer as although training does help, it does not definitively decide if Jeff will be in the team.	Tip: You need to see the language. Discern between the WILLS and the MIGHT.
18	C	A is wrong as Timothy is also correct. B is wrong as Richard is also correct. C is correct as both Richard and Timothy are correct, if there is fur in the tree, it must be a koala because the enclosure only has the koala as a furred animal. If you see an animal with no fur, it must be a bird because birds are the only animal without fur in the enclosure. D is wrong	Tip: Keep in mind there are only two animals in the enclosure.
19	A	A is the correct answer as although everyone got the same mark, you can all come first together. B is incorrect (irrelevant) C is incorrect (won't affect your ranking) D is incorrect (won't affect your mark)	Tip: You can use the process of elimination here, but also choose the mistake that is most relevant to what Cathy has said, rather than the situation
20	C	A is incorrect as Kevin failed even though he studied B is incorrect as Kevin failed even though he studied C is correct as this reflects Kevin's circumstance, he studied but did not pass. D is incorrect as the statement says, "if you do not study, you WILL fail at school."	Tip: Be careful with what the statement is referring to.
21	A	A is correct as it weakens the argument B is wrong C is wrong D is wrong	Tip: Choose the answer which will weaken the argument and which holds true.
22	B	A is wrong B it will help with encouraging healthy foods C is wrong D is wrong and does not impact the argument	Tip: Choose the answer which will add to the passage and strengthen the argument.

23	C	A would weaken B is wrong C is the answer as people who do not like sitting down, would get up and do physical activity D is wrong	Tip: C is the opposite to the other answers.
24	C	A is wrong B is the answer as you cannot make this with the above polygons. C is the correct answer as you can make this with the above polygons. D is wrong	Tip: You can try draw in the smaller shapes into the bigger shapes to see if they fit.
25	D	A you can still be homeless B this is wrong C you can have a house but no job D is the answer	Tip: Again, watch out for which statements relate to each other and watch for the WILLs.
26	A	A is the answer as it strengthens the use of renewable energy. B is wrong C is wrong D is wrong	Tip: Find the argument which strengthens the argument, in which this case it is A.
27	D	A we cannot assume only the girls know how to play percussion, they may not B we also do not know if they only have girls, it can still have boys that play other instruments C we do not know the number of people in the music program D is the answer as we cannot assume the above 3 statements as we do not have enough information.	Tip: Always make sure any conclusions you make, the information is in the passage.
28	B	A this is not necessarily true, there can be people who play rugby but not soccer, but all who play soccer must play rugby. B is the answer everyone who played soccer played rugby, and everyone who played rugby did swimming. So everyone, which also includes some people, who played soccer did swimming. C this is not necessarily true, there can be people who swim but not play rugby, but all who play rugby must swim. D is not correct as soccer implies rugby, which implies swimming. All who played soccer did swimming.	Tip: Look for any links within the different sports groups.

