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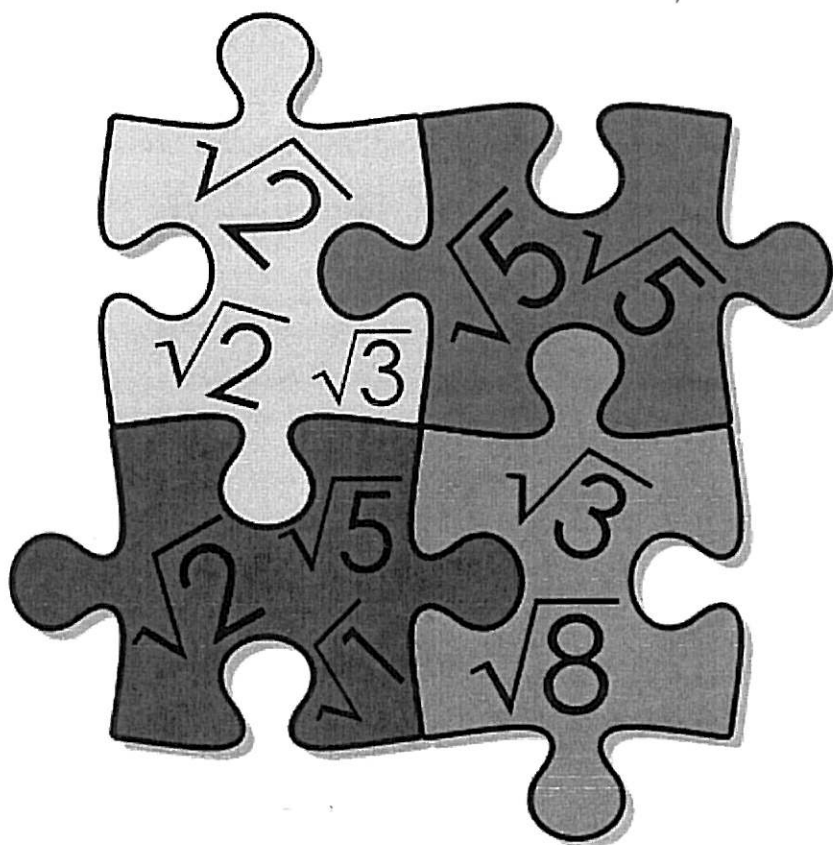
Key Stage 2 to 3

PRACTICE PAPERS

11+ Course

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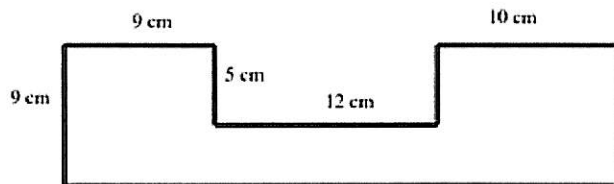
MIXED TEST SAMPLE

1. What is $\frac{1}{3}$ of 27 + $\frac{2}{3}$ of 18
 2. How many times larger is 700 than 50?
 3. Underline the word below which is a synonym of COARSE?
 Serious Decline Rough Loyal Enigma
 4. Underline the word below which is an antonym of BARREN?
 Ignite Elaborate Jubilant Trivial Fertile
 5. Write 643 tenths as a decimal
 6. Through how many degrees does the minute hand of a clock
 turn in 15 minutes?
 7. In the evening, the temperature was 7 degrees and it fell by 9 degrees
 at night. What was the temperature at night?
 8. How many millilitres in 0.3 litres?ml
 9. $323.76 + 9$ tens add 19 hundredths =
 10. $\frac{2}{3}$ of an hour – 23 minutesminutes
 11. Underline the word below which is a synonym of SERENE?
 Calm Rigid Scarce Solemn Perplex
 Correct the following spellings
 12. DISSAPEER
 13. DIPARCHAR (to leave)
 14. SUBSTOOT (to exchange)
 15. If $3y + 3 = 15$, what is the value of y?
 16. Work out as a decimal $3\frac{1}{10} + 13\frac{17}{100}$
 17. Which of the following is a PRIME number 2, 9, 15, 39?
 18. What is $3 + 5 \times 7 - 4^2$?
 19. Decrease 72p by $\frac{1}{6}$
 20. Work out the missing number $68 - 6^2 \div 3 = 7 \times ?$

21. What is 12:01am as 24 hour time?

22. If a cuboid has volume 240cm^3 with length = 12cm and breadth = 5cm, what is the HEIGHT ?

23. Work out the perimeter of this shape



24. If 5% of a number is 4, what is the number?

25. Write +, -, x or ÷ in each box to make the calculation correct:

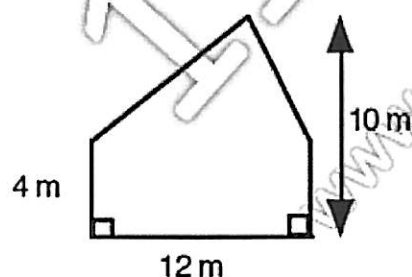
7 9 6 = 61 and

26. A shirt's usual price is £21, but has 20% off, what is the sale price? £.....

27. What is the missing number

$50 \div \square = 2.5$

28. Work out the area of the following shapes:



29. If 125 grams of sugar cost 64 pence how much would 2 kgs cost? £.....

30. There are 960 litres of water in a tank. A workman empties the tank. The water flows out of the tank at a constant rate of 0.4 litres per second. How long, in minutes, does it take the workman to empty the tank completely?

.....

MATHS

Fractions, Decimals and Percentages

A.

Order each of the following sets of numbers ascending order.

- | | | | | | | |
|-----|----------------|----------------|----------------|-------|-------|-------|
| 1) | $\frac{1}{4}$ | 0.026 | 23% | ..... | ..... | ..... |
| 2) | 0.401 | $\frac{3}{8}$ | 41% | ..... | ..... | ..... |
| 3) | 8.7% | $\frac{7}{8}$ | 0.85 | ..... | ..... | ..... |
| 4) | 0.32 | 3.2% | $\frac{5}{16}$ | ..... | ..... | ..... |
| 5) | $\frac{3}{20}$ | 0.14 | 10.5% | ..... | ..... | ..... |
| 6) | 0.473 | $\frac{7}{16}$ | 43.7% | ..... | ..... | ..... |
| 7) | 3.59% | 0.35 | $\frac{8}{23}$ | ..... | ..... | ..... |
| 8) | $\frac{9}{17}$ | 0.47 | 47.3% | ..... | ..... | ..... |
| 9) | 0.200 | $\frac{6}{28}$ | 20.1% | ..... | ..... | ..... |
| 10) | 0.265 | 25.6% | $\frac{8}{31}$ | ..... | ..... | ..... |

B.

Which has the greatest value?

- | | | | | | |
|----|--|----------------------------|--|----------------|-----------------------|
| 1) | 20% of 220 | $\frac{1}{4}$ of 200 | 24% of 190 | 0.2 of 210 | $\frac{2}{5}$ of 220 |
| 2) | 30% of 420 | $\frac{1}{3}$ of 430 | 33% of 400 | 0.3 of 420 | $\frac{3}{10}$ of 410 |
| 3) | 0.06 | 2.08% | $\frac{1}{20}$ | 2.45% | 0.25 |
| 4) | $\frac{4}{7}$ | 0.58 | 64% | $\frac{9}{16}$ | $\frac{5}{8}$ |
| 5) | $\frac{1}{8}$ | 11% | $\frac{3}{20}$ | 0.172 | |
| 6) | $\frac{3}{8}$ of 96 | 15% of 220 | 0.3 of 110 | | |
| 7) | You, your sister, and a friend each take the same number of shots at a goal. You make 72% of your shots, your sister makes 19 out of 25 of her shots, and your friend makes 0.67 of his shots. | | | | |
| 8) | 5% sales tax on a new car | $\frac{2}{3}$ cup of flour | 93% of the total age of students in your class | | |

C.

Answer the following questions:

1. Dennis wants to buy this car.
The deposit is $\frac{2}{5}$ of the price of the car.
His father gives him 30% of the price.
Will this be enough for his deposit?



You must explain your answer fully.

.....

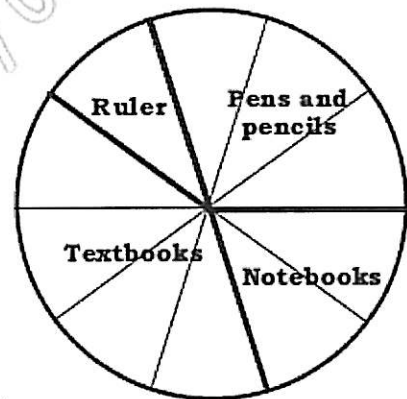
2. Maya buys a bar of chocolate.
The bar is divided into 18 equal pieces.

- (a) Maya eats three pieces of chocolate.
What fraction has she eaten?
- (b) Later in the day Maya eats $\frac{3}{5}$ of the pieces that are left.
How many pieces of chocolate have been eaten altogether?
- (c) What percentage of the bar has not been eaten?



3. The Pie chart shows how much Max spent on materials he needed for school. He spent a total of £34.

- (a) How much did Sam spend on a Notebooks? £.....
- (b) What fraction of the £34 did Sam spend on Textbooks?%
- (c) What percentage of the £34 did Sam spend on Pens and pencils?



4. Which two of the decimals below are bigger than 20% and smaller than 2 thirds ?

0.35 ☐

0.68 ☐

0.5 ☐

0.20 ☐

5. 240 pencils are to be divided among 3 classes in a Primary school.
Primary 3 get 35% of them, Primary 4 are given three eighths and the rest go to Primary 5.

- (a). What percentage of the pencils did Primary 5 get ?%
- (b). How many pencils were given to Primary 3 ?

6. Which is greater? Show your working

78×0.75 ☐

or

$40 \times 1\frac{1}{2}$ ☐

or

35% of 168 ☐

ENGLISH

Vocabulary

Choose the **best word** to complete each sentence.

A.

1. Before a new coat of paint could be applied, the old coat must be _____ off.
(1) scraped (2) peeled (3) dropped (4) tore
2. Most authors _____ the people who made contributions to their books.
(1) thank (2) acknowledge (3) write (4) remember
3. The _____ of the coffee was so strong that we could smell it from outside the house.
(1) fragrance (2) taste (3) smell (4) aroma
4. If we do not keep the wound clean, it can become _____.
(1) infectious (2) dangerous (3) contagious (4) smelly
5. The burglars and their _____ were being handed over to the police.
(1) goods (2) loot (3) counterfeit (4) products
6. Glass is easily breakable because it is _____.
(1) strong (2) fragile (3) brittle (4) soft
7. After several tests, the doctor has _____ his illness as hypertension.
(1) diagnosed (2) predicted (3) thought (4) said
8. Everyone in the office _____ with you over your unfortunate business failure.
(1) sorry (2) sympathizes (3) laments (4) condones
9. After several poor games, the whole team has lost _____ in themselves.
(1) interest (2) confidence (3) pride (4) style
10. The victim who was shot in the chest was _____ dead upon arrival at the hospital.
(1) announced (2) pronounced (3) denounced (4) determined

B.

Choose the **best word(s)** to complete each sentence.

- 1) Jamal exchanged his _____ motorcycle for a new one of higher _____.
- A) poor...mileage
 - B) new...cost
 - C) old...value
 - D) fast...price
 - E) rusty...level
- 2) A _____ commander often _____ his troops in battle.
- A) great...forgets
 - B) good...leads
 - C) competent...defeats
 - D) frail...follows
 - E) strong...misplaces
- 3) The _____ made beautiful _____ appear in the sky.
- A) weather...trees
 - B) army...missiles
 - C) tower...airplanes
 - D) sunset...colours
 - E) tornado...dirt
- 4) _____ have tried this before, but _____ have succeeded.
- A) Many...none
 - B) Some...everyone
 - C) Few...many
 - D) People...several
 - E) None...some
- 5) Selling food can be difficult – you have to find a _____ before it _____.
- A) freezer...is eaten
 - B) cook...sells
 - C) market...cooks
 - D) buyer...spoils
 - E) drink...is finished

- 6) My brother and I _____ our money, but the _____ was not enough to buy the go-kart.
- A) lost...sum
 - B) spent...price
 - C) combined...total
 - D) added...difference
 - E) invested...bank
- 7) Due to the _____ of hurricanes near the coast, a beach house must have _____ walls to prevent it from collapsing in such weather conditions.
- A) lack...weak
 - B) scarcity...normal
 - C) amount...hard
 - D) prevalence...sturdy
 - E) abundance...flimsy
- 8) Unlike the _____ hair of her pony, Marie's dog has _____ hair, making it easier to groom.
- A) hard...soft
 - B) thick...rough
 - C) coarse...fine
 - D) difficult...easy
 - E) firm...strong
- 9) After his _____ in the election, the new mayor had adopted an aura of _____ that displeased many of the voters; he was too proud to even shake hands with the average citizen.
- A) speech...humbleness
 - B) win...meekness
 - C) debacle...annoyance
 - D) loss...sadness
 - E) victory...arrogance
- 10) After engaging in _____ exercise, it is important to regain nourishment with a _____ meal.
- A) easy...bad
 - B) strenuous...heartly
 - C) hard...scant
 - D) easy...light
 - E) difficult...abundant

- 11) Noreen was _____ due to her all night study session; if she had been able to stay _____ during the test, she would have performed better.
- A) lethargic...strong
 - B) insane...normal
 - C) drowsy...alert
 - D) tired...asleep
 - E) strained...limber
- 12) Despite her parents' best efforts at making her _____, Suzy felt very _____ at her party.
- A) sociable...old
 - B) comfortable...shy
 - C) humorous...silly
 - D) helpful...generous
 - E) miserable...sad
- 13) The biscuits in the package smelled rancid; I _____ decided to _____ them.
- A) wisely...eat
 - B) quickly...forego
 - C) soon...consume
 - D) foolishly...discard
 - E) warily...finish
- 14) The red team's _____ was agile and accurate. _____ on the blue team could not keep them from scoring.
- A) mascot...Players
 - B) goalie...Offenders
 - C) defence...Guards
 - D) offence...Defenders
 - E) uniform...Coaches
- 15) My friend generously offered to _____ my children while I was out, but because we already had a babysitter, I _____ the offer.
- A) look after...diffused
 - B) mind...negotiated
 - C) watch...relinquished
 - D) monitor...declined
 - E) care for...accepted

- 16) I _____ try to do too many tasks at once. When this happens, some of them might be done _____.
- A) lazily...fully
 - B) usually...separately
 - C) really...joyfully
 - D) never...frequently
 - E) often...poorly
- 17) After _____, the captain advised that there could be turbulence ahead. Passengers were advised to _____ their seats.
- A) lunch...remove
 - B) landing...leave
 - C) takeoff...stay in
 - D) arrival...remain in
 - E) lift off...exit
- 18) James was _____ and excited about his first skiing competition. His _____ made others on his team more excited too.
- A) tepid...skills
 - B) animated...enthusiasm
 - C) outgoing...withdrawal
 - D) confused...focus
 - E) agitated...calm
- 19) Rachel _____ scored below average on tests and projects. She was quite surprised to see _____ test grade.
- A) frequently...a despicable
 - B) seldom...a failing
 - C) often...a poor
 - D) never...an outstanding
 - E) sometimes...an average
- 20) The _____ of meat in your refrigerator doesn't necessarily indicate that you are _____.
- A) presence...herbivorous
 - B) absence...vegetarian
 - C) amount...omnivorous
 - D) colour...carnivorous
 - E) flavour...ravenous

VERBAL REASONING

Synonyms

A.

For each word on the left, complete the synonym on the right by inserting the missing letters.

- | | |
|--------------|-------------------|
| 1. aid | a _ _ _ st |
| 2. odour | s _ _ nt |
| 3. revive | r _ f _ e _ h |
| 4. promote | s _ _ n _ _ r |
| 5. caution | _ _ _ _ ning |
| 6. acquire | att _ _ _ |
| 7. moral | h _ _ e _ t |
| 8. abundant | p _ _ _ t _ _ ul |
| 9. bloat | in _ _ _ _ te |
| 10. irate | f _ _ _ _ ous |
| 11. fertile | r _ _ _ h |
| 12. dose | _ _ _ ant _ ty |
| 13. prohibit | e _ _ l _ de |
| 14. elude | _ _ _ _ ape |
| 15. foe | _ _ _ val |
| 16. vacant | _ _ _ a _ l _ ble |
| 17. yield | s _ _ _ _ e _ der |
| 18. imitate | d _ _ l _ _ ate |
| 19. curb | r _ _ tr _ _ n |
| 20. latter | co _ _ l _ _ ing |

B.

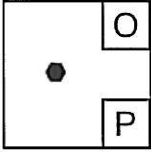
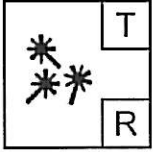
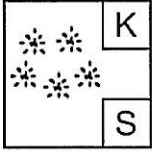
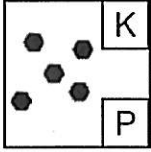
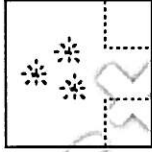

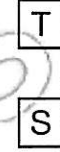
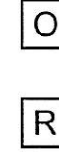
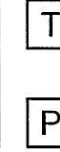
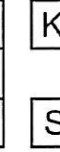
Complete the word for each of the meanings.

- | | |
|--------------------|---|
| 1. g__a__ | to bite or chew with the teeth; to wear away by repeated nibbling |
| 2. o__tm__n__ | a creamy greasy medicine for use on the skin |
| 3. __aw__le | to spend time wastefully or idly; to linger or loiter |
| 4. a__war__ | lacking skill, clumsy; difficult to use or handle; not graceful |
| 5. __is__p__in__ | to fail to meet the expectation or hope of |
| 6. ma__e | a medium purple, violet, or lilac |
| 7. __ej__i__e | to feel great pleasure, happiness or delight |
| 8. __v__id | to keep away from |
| 9. pa__e | a temporary stop or rest |
| 10. __er__ic | displaying bravery and boldness |
| 11. s__se__e__tl__ | occurring or coming later or after |
| 12. po__s__s__i__n | something held as one's own; ownership |
| 13. __eq__nc__ | the order in which things are connected |
| 14. u__t__m__te__ | last, furthest or farthest; ending a process or series |
| 15. __pr__s__on | cruel or unjust use of authority or power |
| 16. __u__t__t__on | to repeat (a passage / phrase) from a book or speech |
| 17. e__e__u__l__y | at some later time; in the end |
| 18. __o__i__i__n | a coming violently into contact; crash |
| 19. chr__lo__i__l | arranged in according to the order of time |
| 20. d__al__t | a regional variety of a language differing from the standard language |

NON VERBAL REASONING

Crack the Code

To answer these questions, you need to work out a code. You are given three or four boxes on the left followed by a separate box on the right of the dividing line. Each box on the left has a pair of letters in it which are a code for the shape or shapes in that box. You need to work out the code that applies to the shapes on the left and then choose which pair of letters should be given to the shape or shapes in the box on the right.

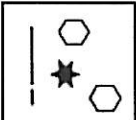
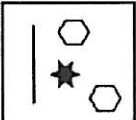
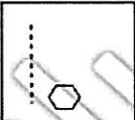


									
O P	T R	K S	K P	K P	T S	O R	T P	K S	K S
					a	b	c	d	e

Ans: B


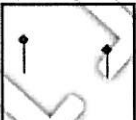
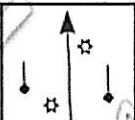

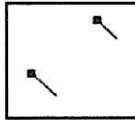
In the above example, the answer is B, as 3 shapes means that it is T at the top., and the type of shape (flower), means it is S at the bottom.

Here are the questions for you to do:

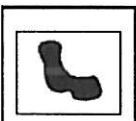
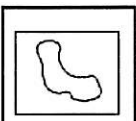



1.

				
PK	BK	VS	PR	
BR	VR	PS	PK	VK
a	b	c	d	e

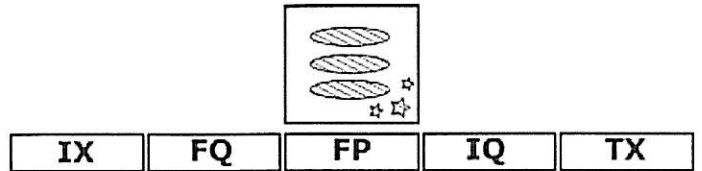
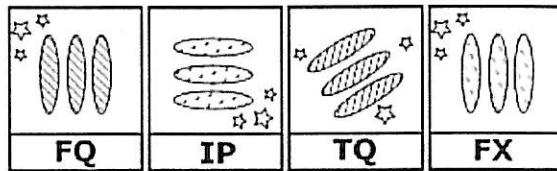
2.

				
DM	OS	DY	AM	
AO	OY	DY	DA	OM
a	b	c	d	e

3.

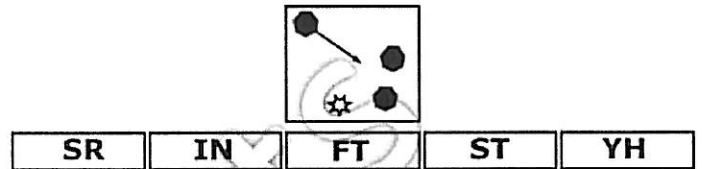
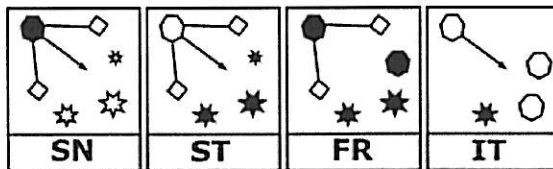
				
DY	DS	TV	WY	
WV	TY	DM	DV	TW
a	b	c	d	e

4.



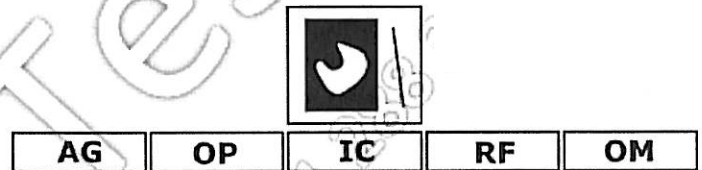
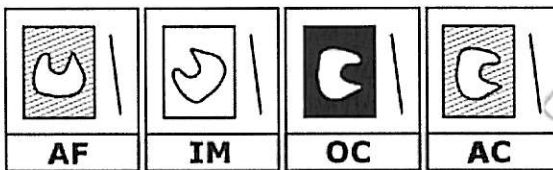
a b c d e

5.



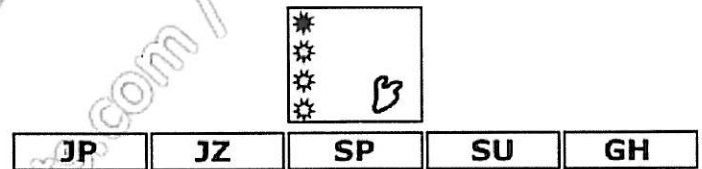
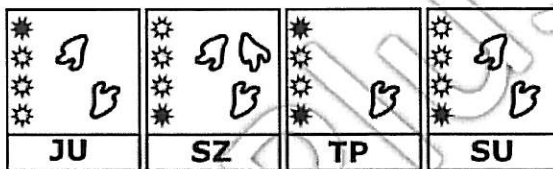
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6.



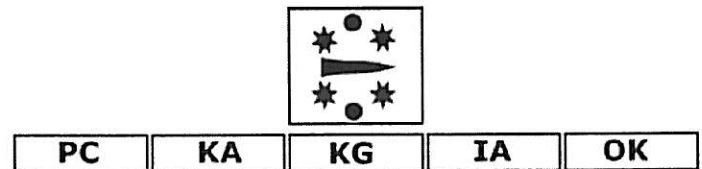
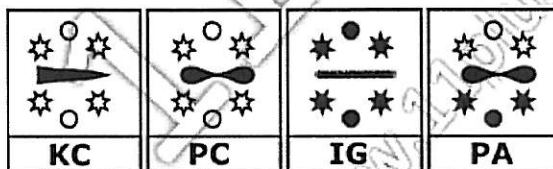
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7.



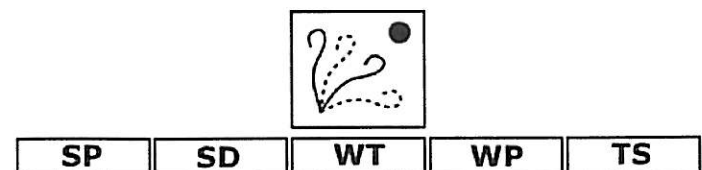
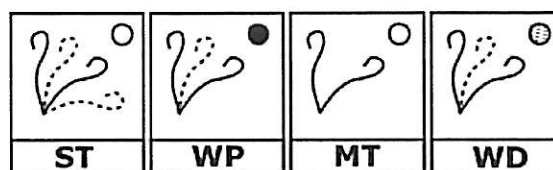
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8.



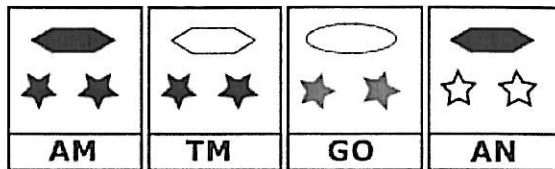
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9.



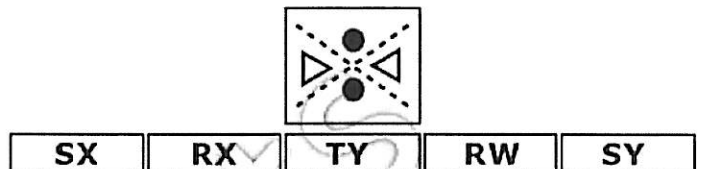
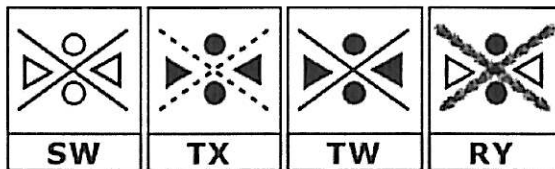
a b c d e

10.



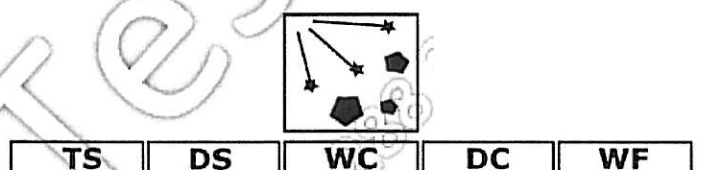
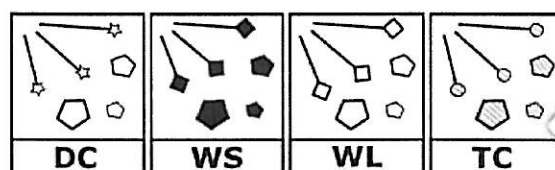
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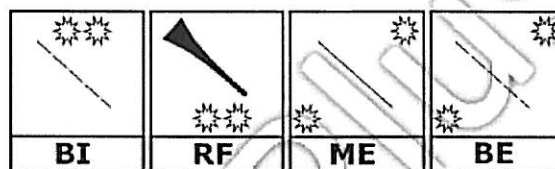
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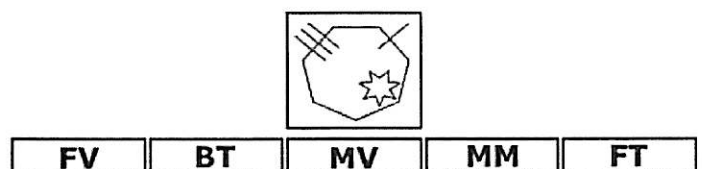
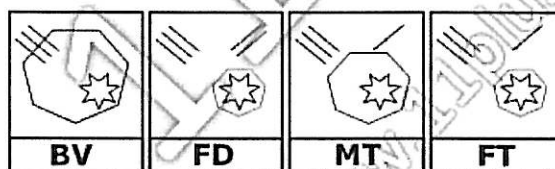
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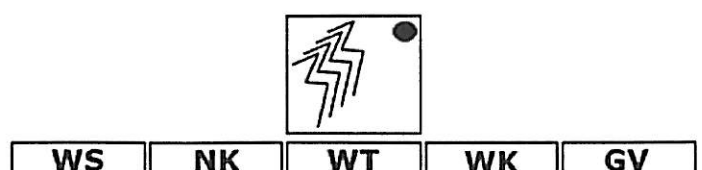
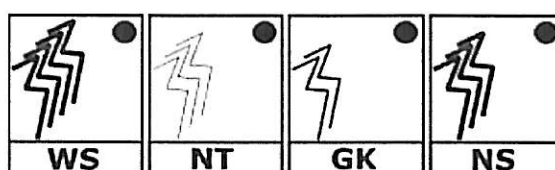
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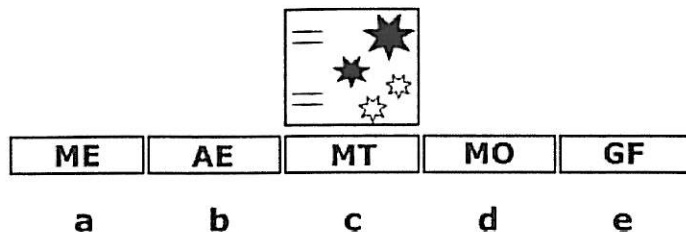
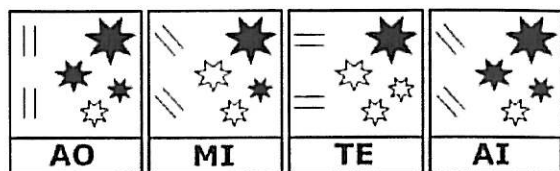
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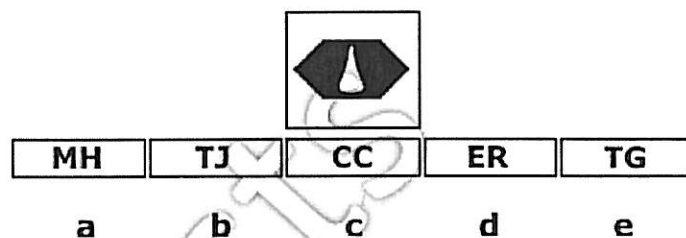
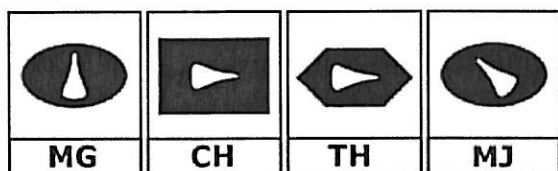


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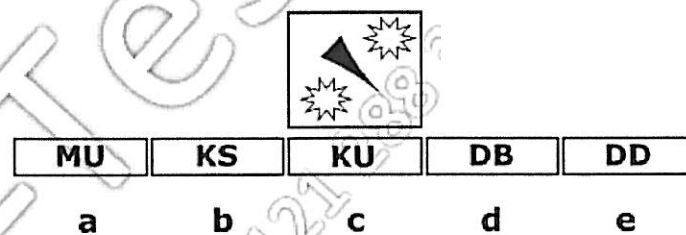
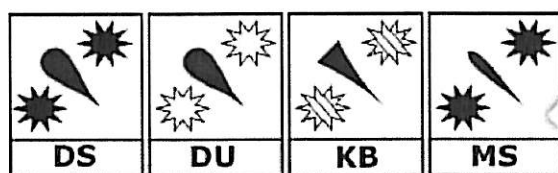
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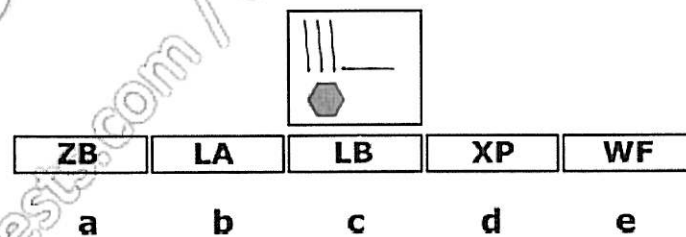
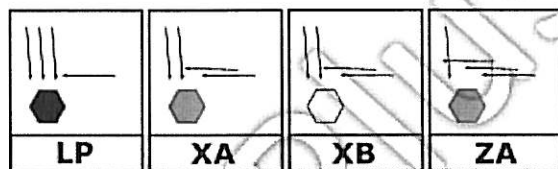
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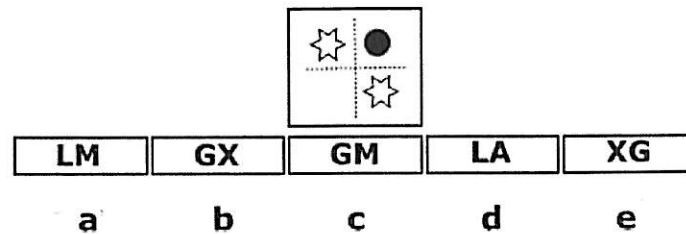
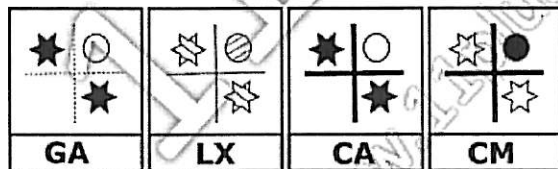
18.



19.



20.



For answers, please email info@11pluswm.co.uk with 'Sample Test Answers' in the Subject field.