



Name: _____

Date: _____

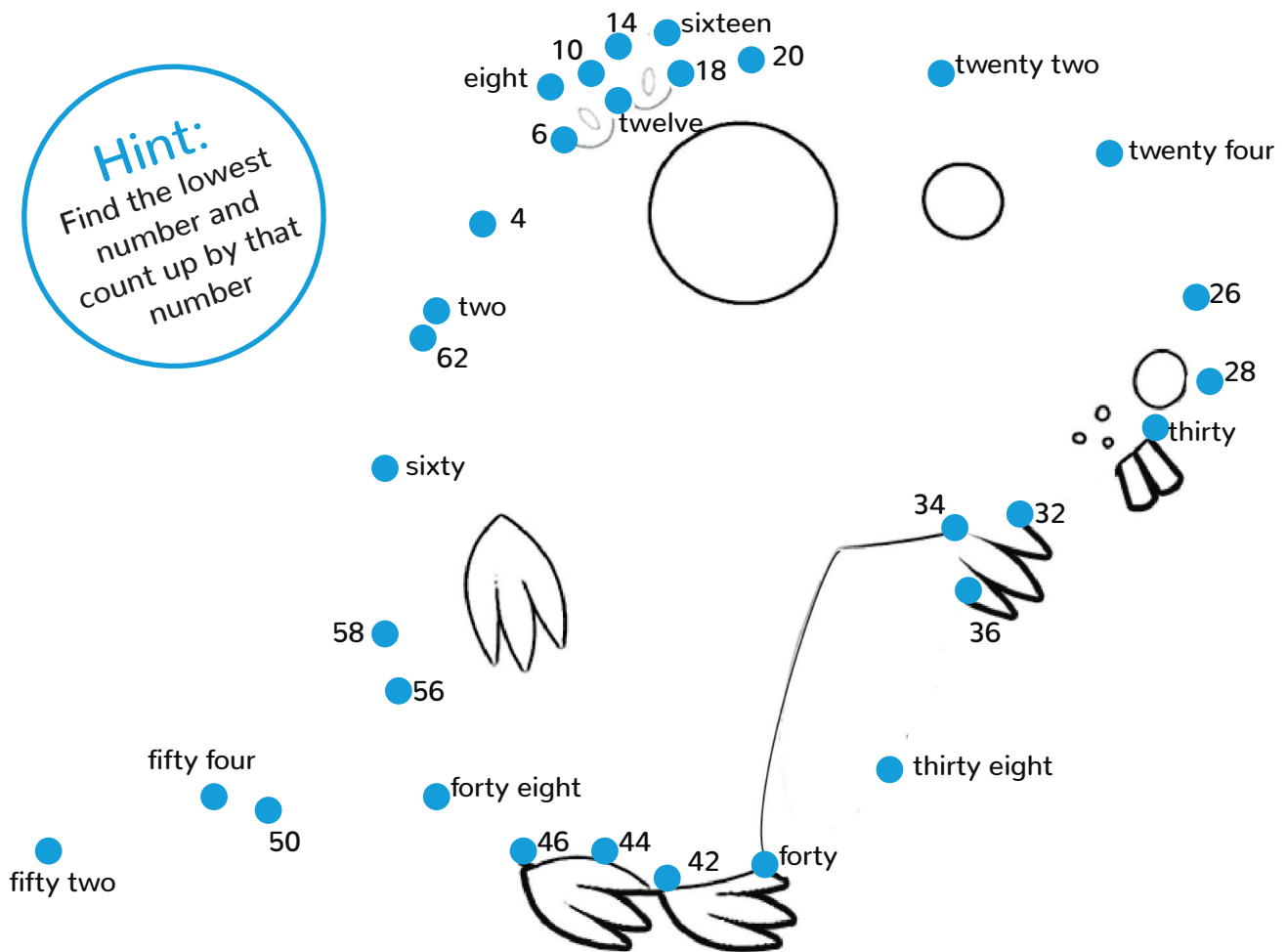
Dot to Dot

Hammie is covered in dots!

Join the dots in the correct pattern to complete this Whizz character.
Ask your teacher for help if you need it.

Hint:

Find the lowest
number and
count up by that
number



Finished?

For the numbers that are in numerals, write them out in words.



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Whizz Dice

Multiply the numbers on the dice to find the correct answer.

$$\begin{array}{c} \bullet \\ \bullet \end{array} \times \begin{array}{c} \bullet \\ \bullet \end{array} = \square$$

$$\begin{array}{c} \bullet \\ \bullet \end{array} \times \begin{array}{c} \bullet \\ \bullet \end{array} = \square$$

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Create your own dice equations in the space below.
You can use the die on the Whizz Interactive Board to help you.

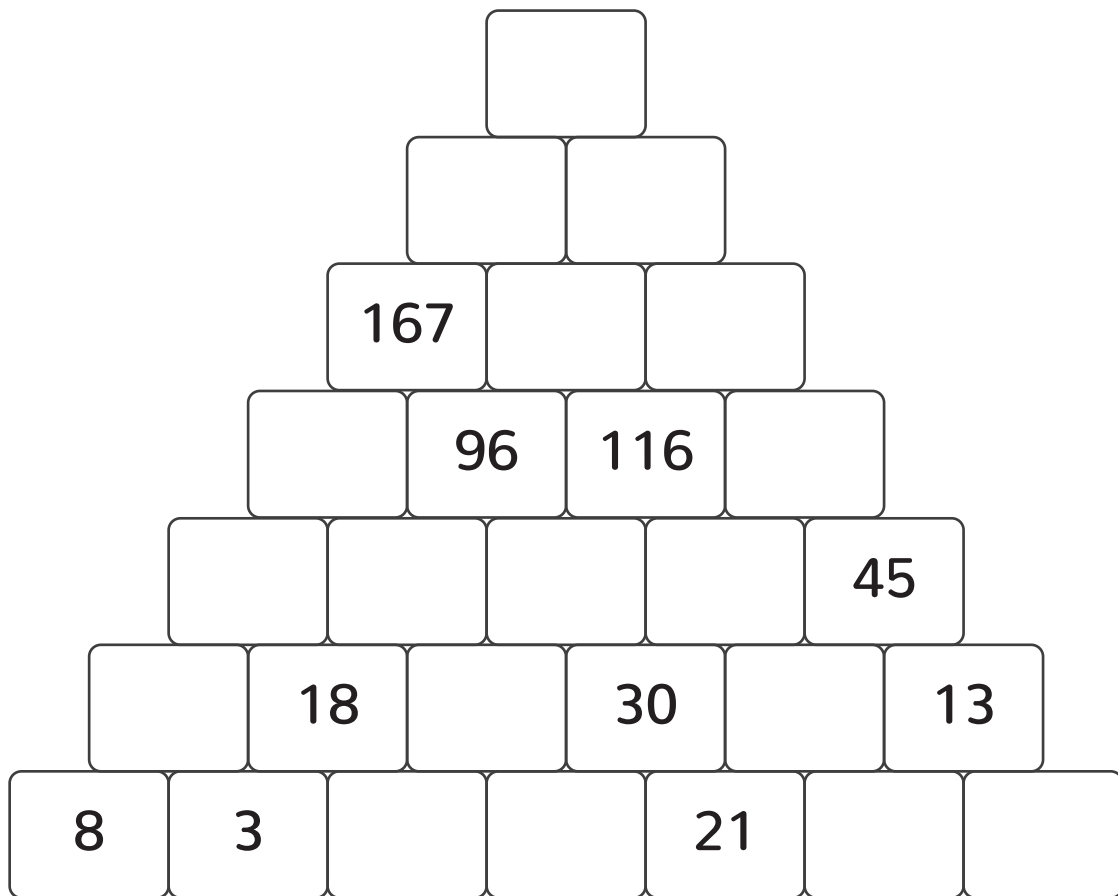


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Whizz Pyramid

Find the answers to fill in the number pyramid below.
The number in each box is the sum of the numbers in the two boxes below it.
Ask your teacher for help if you need it.



Use this space to work out the answers:

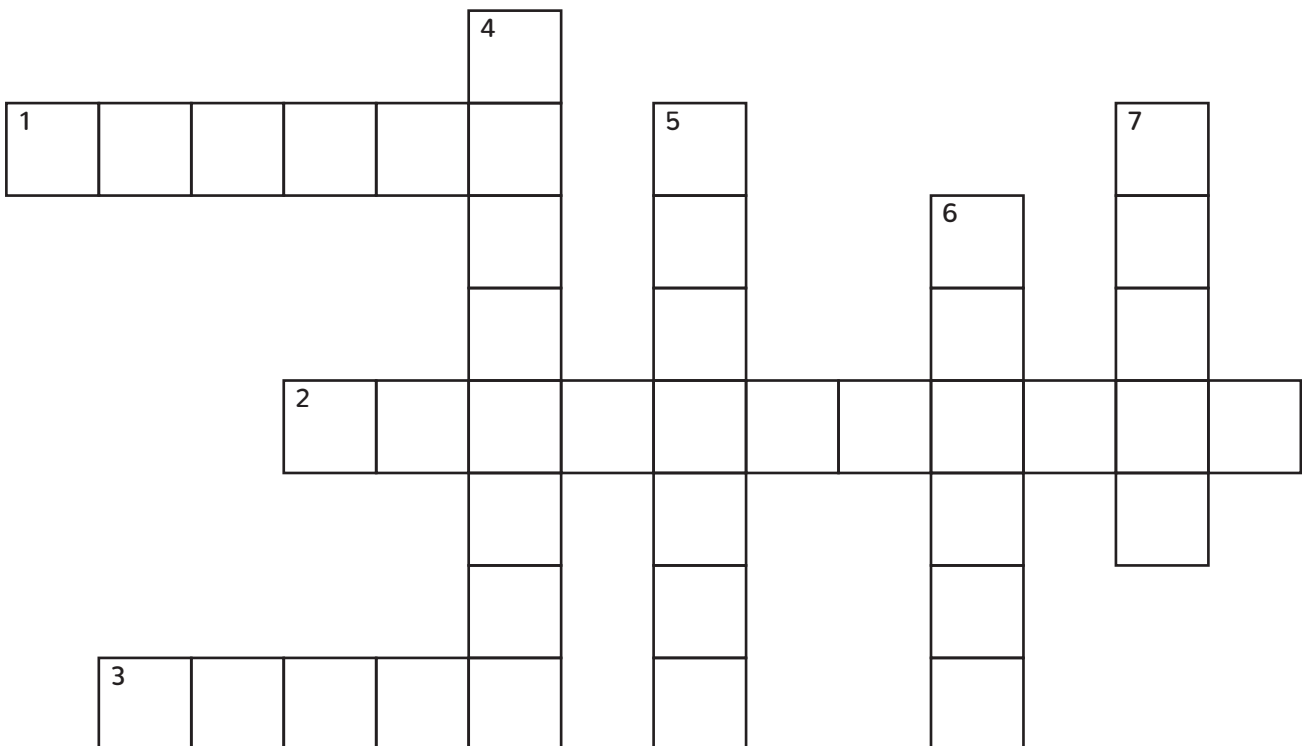


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Crossword

Use the clues below to complete the crossword.
Ask your teacher for help if you need it.



Clues:

Across

1. The middle value of a group of numbers when they are put in order (6)
2. A measurement of how likely it is that something will happen (11)
3. The difference between the highest and the lowest value of numbers in a group (5)

Down

4. A clock face which shows numbers 1 to 12 and has hands (8)
5. A 3D shape with a polygon for its base and triangular faces that meet at a point (7)
6. The amount of space taken up by a 3D shape (6)
7. The breadth or distance across something from side to side (5)



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Wincey's Web



Play with a partner.

The aim of the game is to break the webs you partner puts in the grid for Wincey.

Ask your teacher for help if you need it.

Points ○ ○ ○ ○ ○

12						
11						
10						
9						
8						
7	eg: $1 \times 7 = 7$ 					
	1	2	3	4	5	6

Cut these out:



Don't want to cut these out?
Draw them on the grid instead!

How to play:

1. Each square in the grid has a hidden number. To find the hidden number, multiply the number on the side by the number at the bottom. E.g. The hidden number on the grey square is 1×7 , which is equal to 7.
2. Cut out the webs and put them on five squares on the grid. Your partner will do the same on their sheet, so do not let them see which squares you have picked.
3. Guess which squares your partner has used by taking turns to call out a hidden number. If your partner calls out a number for a square that one of your webs is on, call out 'You broke Wincey's web!' and your partner gets a point. Each time you get a point, add it to the points list. The winner is the first player to get five points.



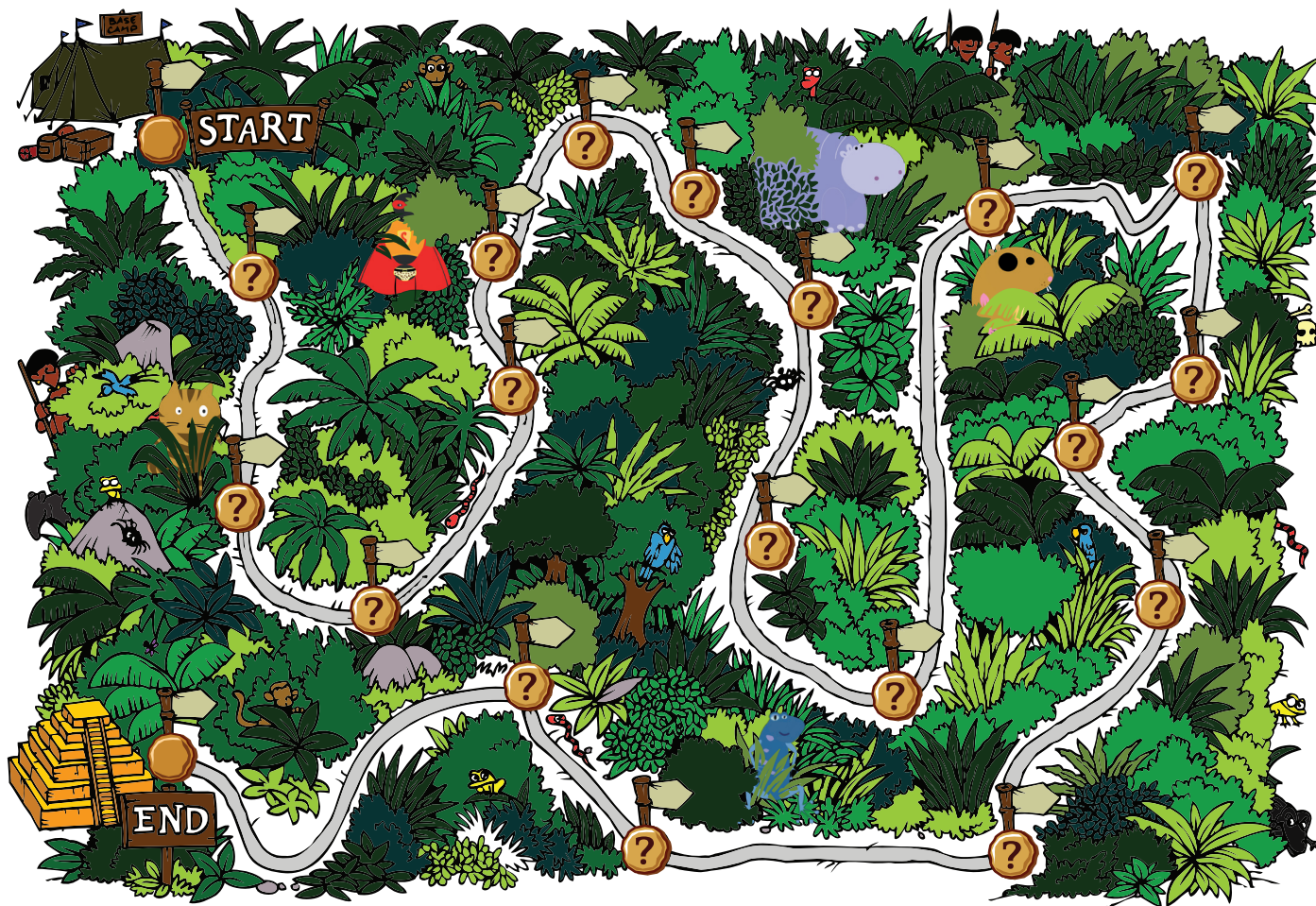
Maths-Whizz[®]
by whizz EDUCATION

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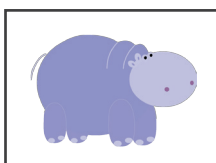
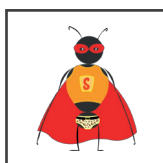
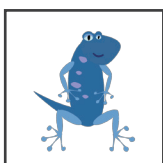
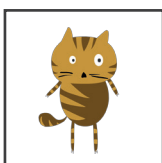
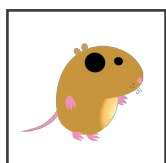
Whizz Adventure Game

Remember to log in to Maths-Whizz to take part in the Summer Adventure!
Ask your teacher for help if you need it.



How to play:

1. Play the game in groups. Cut out the Whizz characters and use them as counters.
2. Decide who will answer a question from the question cards first (e.g. youngest first) then go clockwise around your group. The player to the right should choose and read out a question from the question cards. If you run out of questions try making your own using the blank question cards sheet.
3. Move forward by one question mark every time you answer a question correctly. If not, stay where you are.
4. The winner is the player who gets to the end of the board first!



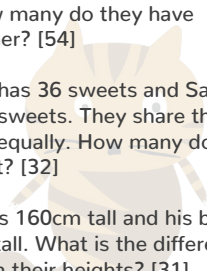
Try to find the
hidden Whizz
characters on the
board game!

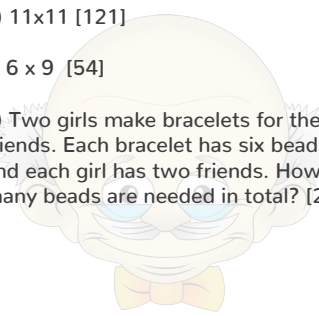
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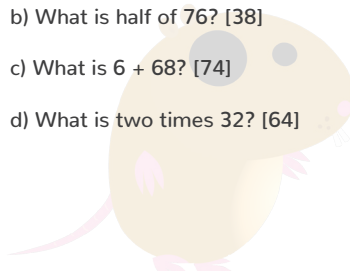
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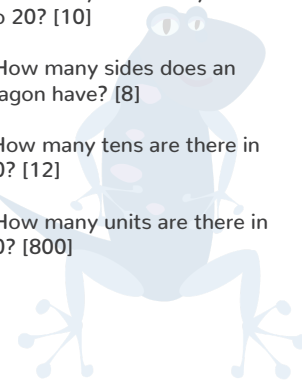
Whizz Adventure Game: Question Cards

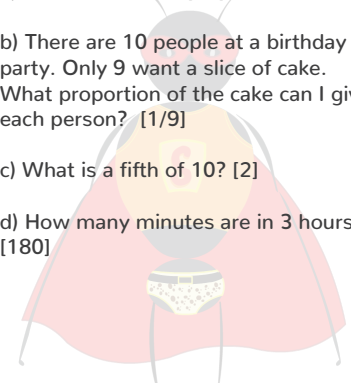
Cut out the question cards below and put them in a pile to play the Whizz Adventure Game. Pick a question from a new card and then put it at the bottom of the pile on every turn. Start by asking 'a' questions. Once all the 'a' questions have been asked, ask 'b' questions and continue through the questions until someone reaches the end on the board or all of the questions have been answered. When a player gets a question correct*, they can move one space closer to the end to win the game!

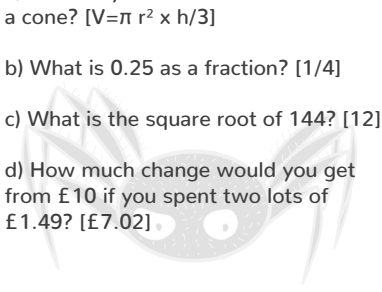
- 
- a) Sam has 18 sweets and Jane has 36. How many do they have altogether? [54]
 - b) Jane has 36 sweets and Sam now has 28 sweets. They share their sweets equally. How many do they each get? [32]
 - c) Tom is 160cm tall and his brother is 191cm tall. What is the difference between their heights? [31]
 - d) Mary has 14 hats and Ali has 28. How many more hats does Ali have compared to Mary? [14]

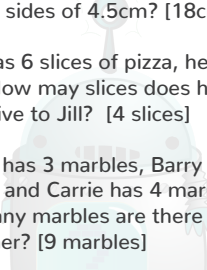
- 
- a) 7×8 [56]
 - b) 11×11 [121]
 - c) 6×9 [54]
 - d) Two girls make bracelets for their friends. Each bracelet has six beads and each girl has two friends. How many beads are needed in total? [24]

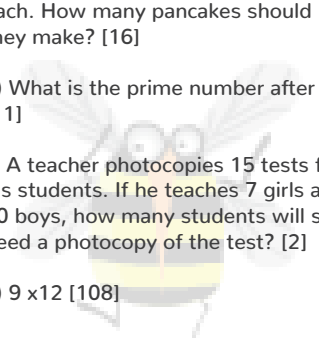
- 
- a) What is half of 48? [24]
 - b) What is half of 76? [38]
 - c) What is $6 + 68$? [74]
 - d) What is two times 32? [64]

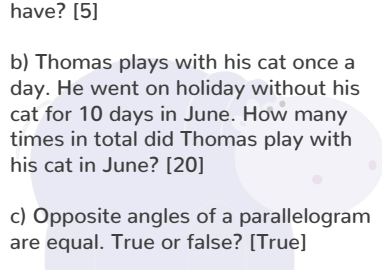
- 
- a) How many twos can you fit into 20? [10]
 - b) How many sides does an octagon have? [8]
 - c) How many tens are there in 120? [12]
 - d) How many units are there in 800? [800]

- 
- a) What is 19×2 ? [38]
 - b) There are 10 people at a birthday party. Only 9 want a slice of cake. What proportion of the cake can I give each person? [1/9]
 - c) What is a fifth of 10? [2]
 - d) How many minutes are in 3 hours? [180]

- 
- a) How do you calculate the volume of a cone? [$V = \pi r^2 \times h/3$]
 - b) What is 0.25 as a fraction? [1/4]
 - c) What is the square root of 144? [12]
 - d) How much change would you get from £10 if you spent two lots of £1.49? [£7.02]

- 
- a) What is the perimeter of a square that has sides of 4.5cm? [18cm]
 - b) Bill has 6 slices of pizza, he eats 2 slices. How many slices does he have left to give to Jill? [4 slices]
 - c) Harry has 3 marbles, Barry has 2 marbles and Carrie has 4 marbles. How many marbles are there altogether? [9 marbles]
 - d) Tom, Don and Harry put all their hands together in a circle shape. How many fingers and thumbs are there all together? [24 fingers, 6 thumbs]

- 
- a) A family of four want four pancakes each. How many pancakes should they make? [16]
 - b) What is the prime number after 7? [11]
 - c) A teacher photocopies 15 tests for his students. If he teaches 7 girls and 10 boys, how many students will still need a photocopy of the test? [2]
 - d) 9×12 [108]

- 
- a) How many sides does a pentagon have? [5]
 - b) Thomas plays with his cat once a day. He went on holiday without his cat for 10 days in June. How many times in total did Thomas play with his cat in June? [20]
 - c) Opposite angles of a parallelogram are equal. True or false? [True]
 - d) A man has one daughter and two sons. How many gloves does he need to knit to keep his children's hands warm? [6]



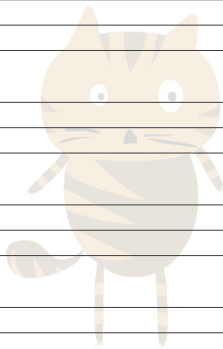
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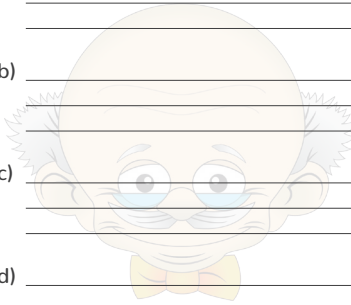
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a) _____
b) _____
c) _____
d) _____



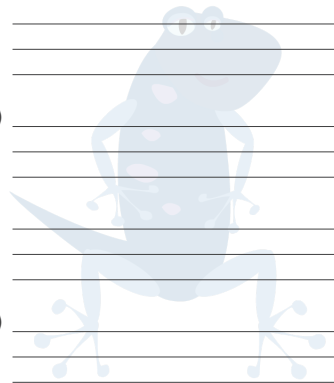
a) _____
b) _____
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d) _____



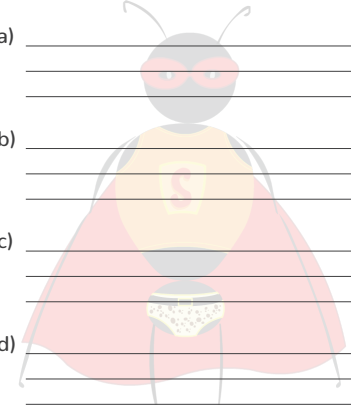
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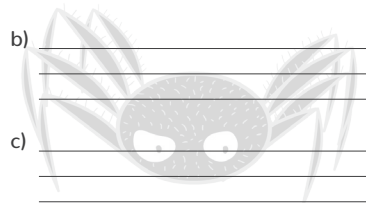
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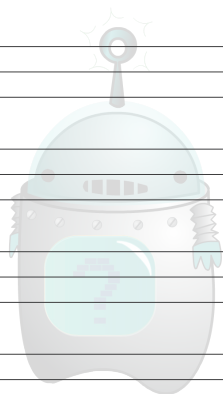
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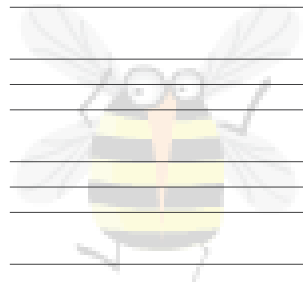
a) _____
b) _____
c) _____
d) _____



a) _____
b) _____
c) _____
d) _____



a) _____
b) _____
c) _____
d) _____



a) _____
b) _____
c) _____
d) _____

