



## MIXED ACTIVITIES

### Crack the code – The sandwich of life

Name: \_\_\_\_\_

The answer of each maths problem below represents a letter of the alphabet. Solve the equations, then place the letters in order on the lines provided to crack the code.

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>	<b>M</b>
10	47	2	78	77	51	68	35	20	92	17	12	21
<b>N</b>	<b>O</b>	<b>P</b>	<b>Q</b>	<b>R</b>	<b>S</b>	<b>T</b>	<b>U</b>	<b>V</b>	<b>W</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
33	56	40	31	8	83	53	16	71	32	4	50	99

- If fifteen puppies were trying to get over a fence and only one-fifth of them made it, how many were left behind?  
\_\_\_\_\_
- $(35 \times 2) - (5 \times 10) =$  \_\_\_\_\_
- Three hundred and twenty three balloons were released into the air at a grand opening. If 227 were popped by the heat of the sun, 37 were popped by birds in flight, and eight were picked up by a hot air balloonist, how many were still aloft? \_\_\_\_\_
- $(\frac{1}{4} \text{ of } 80) + 57 =$  \_\_\_\_\_
- If Mum or Dad are cooking eight batches of chocolate crackles for the school fete, and each batch requires two and a half cups of Rice Bubbles, how many cups will be needed in total? \_\_\_\_\_
- $25 + 40 + 15 + 3 =$  \_\_\_\_\_
- When Grandma comes to visit she always brings \$36.00 to be divided between her four grandchildren. Peter spends all of his share on a Lego set, Natalie spends half of hers on a Barbie dress, Sally buys a Transformer for \$7.50, and Michael buys 3 goldfish costing \$1.00 each. The children decide to put all the remaining money together to go to the movies. How much do they have? \$\_\_\_\_\_
- $(45 \div 5) \times (5 - 3) + 2 =$  \_\_\_\_\_
- Jacob and Sara decide to share a packet of lollies equally. There are 34 lollies in the bag. How many do they each get?
- $(\frac{1}{2} \text{ of } 100) + (\frac{1}{4} \text{ of } 80) + 7 =$  \_\_\_\_\_



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11. If Craig roller blades through the Botanical Gardens at 40 km per hour, how far will he get in 15 minutes?  
\_\_\_\_\_ km
12.  $(100 - 15) + (40 - 17) - (10 + 15) =$   
\_\_\_\_\_
13. If Rachel planted 15 lettuce seeds and only 13 sprouted; 20 carrot seeds and only 15 sprouted and 12 tomato seeds and only 9 sprouted. How many seeds didn't sprout? \_\_\_\_\_
14.  $70 - (12 + 18 + 7) =$  \_\_\_\_\_
15. Narelle enjoys reading humorous novels in her spare time. On average she reads three a week. How many novels will she read over the next 6 months (i.e. 26 weeks)? \_\_\_\_\_
16.  $(\frac{1}{2} \text{ of } 48) + (\frac{1}{4} \text{ of } 32) =$  \_\_\_\_\_
17. Snoopy, a small dachshund dog, rolled in the dirt and picked up 84 fleas, then raced after a cat and lost 13 fleas along the way. He was given a bath and a further 51 fleas drowned. How many fleas were still on Snoopy's skin?  
\_\_\_\_\_
18.  $[100 \div (32 - 22)] - 8 =$  \_\_\_\_\_
19. James went to the Royal Show with \$50.00 and bought two show bags at \$6.50 each, one show bag at \$5.00, and a large blow up hammer for \$5.50. He also bought a hot dog for \$1.50 and had 4 rides costing \$2.50 each. How much did James spend? \_\_\_\_\_
20.  $(13 + 24 + 35 + 46) - 65 =$  \_\_\_\_\_
21. Carla rode in 7 motor cross meetings. In the events she entered she achieved a total of 15 first place medals, 12 second place medals and 8 third place medals. How many medals did Carla win altogether? \_\_\_\_\_
22.  $[(2 + 16) + (20 + 5) - (4 \times 8)] \times 7 =$   
\_\_\_\_\_
23. Tammy, Deanna, and Mae went to the movies and it cost them \$5.50 each. They bought a bag of lollies costing \$3.00 each, but then they each received discount of \$1.50 because they had movie tickets. How much did it cost the girls altogether for their afternoon? \_\_\_\_\_
24.  $(4 \times 2) + (4 \times 3) + (4 \times 4) + (4 \times 5) =$   
\_\_\_\_\_
25. To make a little box out of pop sticks it takes 96 sticks. If each bag of pop sticks contains 12 sticks, how many bags will be needed? \_\_\_\_\_
26.  $(6 \times 6) + 41 =$  \_\_\_\_\_
27. Rafael hung 32 garments on the washing line and he put 2 pegs on each item. Harold, the pet goat, pulled 7 garments (and their pegs) off the line. How many pegs were left on the line?  
\_\_\_\_\_
28.  $(100 - 20) - 24 =$  \_\_\_\_\_
29. Franca has eight tomato plants. Five of the plants have 12 tomatoes each, two have eight tomatoes each and one has six tomatoes on it. A big hailstorm hits and 66 tomatoes are ruined. How many tomatoes does Franca have left to pick? \_\_\_\_\_



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30.  $(8 \times 9) - (79 - 47) = \underline{\hspace{2cm}}$
31. Abdul set up a small worm breeding business, selling worms for 25 cents each. If his first customer wants 64 worms, how many dollars will Jeremy make from his first sale? \$
32.  $(55 + 9 + 12) - 23 = \underline{\hspace{2cm}}$
33. At a fizzy drinks factory, 375 mls of liquid is put in each can. How many cans could be filled from a barrel holding  $7\frac{1}{2}$  litres?
34.  $77 - (11 \times 4) = \underline{\hspace{2cm}}$
35. Four year old Melanie was getting a sneaky midnight snack. While trying to be quiet, she dropped a packet of choc chips and 140 of them spilled out onto the kitchen floor. Twelve of those went under the mat, 33 bounced down the stairs, Fido the Basset Hound ate 25 of them and Melanie managed to retrieve 17 for herself. How many were left on the kitchen floor?
36.  $(17 + 13) + (25 - 10) + 11 = \underline{\hspace{2cm}}$
37. Our netball coach decided to make 10 uniforms for the team. If each uniform took one metre of material and the material cost \$2.00 a metre, how much did it cost to make the uniforms? \$
38.  $(\frac{1}{2} \text{ of } 100) + 3 = \underline{\hspace{2cm}}$
39. If a bus driver picks up 25 adult passengers who pay \$2.00 each and three child passengers who pay \$1.00 each, how much money will the driver collect?
40.  $[(3 \times 3) \times 3] + 8 = \underline{\hspace{2cm}}$
41. In a garden, there were 8 rows of lettuces with 11 lettuce plants in each row. If a large family of wild ducks waddled across the paddock for a morning snack and devoured 11 lettuces, how many were left?
42.  $(400 \div 20) + (36 - 9) = \underline{\hspace{2cm}}$
43. Kate and William had a typing competition. Kate typed 108 words in 3 minutes, while William achieved 123 words in the same time. Work out the 'words per minute' score for each person and add those scores together.
44.  $(\frac{1}{2} \text{ of } 84) - (16 + 7) + 34 = \underline{\hspace{2cm}}$
45. To advertise the school disco, 477 leaflets were printed. If 9 students are going to hand them out, how many leaflets should each student get (if they are given even amounts)?
46.  $[(75 \div 3) \times 2] + 27 = \underline{\hspace{2cm}}$
47. Debbie went to the fruit and vegetable shop and purchased the following items:
- 4 apples @ 30 cents each
  - 4 oranges @ 40 cents each
  - 6 bananas @ 35 cents each
  - 2 pineapples @ 65 cents each,
  - a piece of watermelon costing \$1.80
- How much did the fruit cost her? \$
48.  $(31 - 23) + (38 - 6) \div 2 = \underline{\hspace{2cm}}$



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49. A pair of seals called Smokey and Jennifer were performing at an animal park. Smokey was awarded 90 fish per day and Jennifer received 69 fish per day. If they performed three times per day and received the same amount of fish after each session, how many fish were awarded to both seals every session? \_\_\_\_\_

50.  $5 + 13 + 26 + 3 =$  \_\_\_\_\_

51. If Sharen receives \$5.50 per hour and works 14 hours per week, how much money will she receive for a week's work? \$\_\_\_\_\_

52.  $[(11 \times 8) - 38] \div 25 =$  \_\_\_\_\_

53. A fishing boat went to sea for its nightly fishing venture and in total brought back 11 Flathead, 16 Whiting, 20 Coral Trout, 6 Sweet Lips and 3 Flounder. How many fish were brought back for sale at the markets? \_\_\_\_\_

54.  $(24 - 17) \times (12 - 9) =$  \_\_\_\_\_

55. Jackson, Kai and Harry decided to build themselves a cubby house. They used 10 pieces of wood for each side of the house, and each piece of wood cost 50 cents. The two pieces of tin for the roof cost \$11.00 each and a bag of nails cost \$5.00. The door cost \$15.00, as did a bucket of paint.

How much did it cost the boys to make their cubby house? \_\_\_\_\_

56.  $100 - (7 + 6 + 4) =$  \_\_\_\_\_

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