

Maths Year 6

Arithmetic

Paper 1



ALPHANUMS
WHERE IT ALL BEGINS

Practice makes Perfect

Name: _____

Date: _____



Arithmetic Paper 1

$$\begin{array}{r} 1) \quad 9,594 \\ + \quad 370 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 8,447 \\ + \quad 472 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad 86 \\ \times \quad 9 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 4) \quad 60 \\ \times \quad 7 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 5) \quad 92 \\ - \quad 56 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 6) \quad 96 \\ - \quad 16 \\ \hline \\ \hline \end{array}$$

$$7) \quad \begin{array}{r} \\ 7 \overline{)161} \end{array}$$

$$8) \quad \begin{array}{r} \\ 11 \overline{)154} \end{array}$$



$$\begin{array}{r} 9) \quad 6.6 \\ + 0.8 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 10) \quad 2.6 \\ + 0.7 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 11) \quad 8.9 \\ - 6.2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 12) \quad 9.3 \\ - 5.2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 13) \quad 44 \\ \times 11 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 14) \quad 36 \\ \times 10 \\ \hline \\ \hline \end{array}$$

$$15) \quad \begin{array}{r} \\ 9 \overline{)88} \end{array}$$

$$16) \quad \begin{array}{r} \\ 8 \overline{)63} \end{array}$$

$$\begin{array}{r} 17) \quad 28 \\ 43 \\ + 89 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 18) \quad 24 \\ 72 \\ + 62 \\ \hline \\ \hline \end{array}$$



In Questions 19, 20, 21 and 22, supply the missing operators to make the solution true.

19) $9 \underline{\quad} 9 \underline{\quad} 5 \underline{\quad} 4 = 17$

20) $1 \underline{\quad} 3 \underline{\quad} 2 \underline{\quad} 6 = 8$

21) $4 \underline{\quad} 9 \underline{\quad} 8 \underline{\quad} 1 = 22$

22) $7 \underline{\quad} 2 \underline{\quad} 3 \underline{\quad} 3 = 15$

In Questions 23 and 24, calculate each expression when: $a = 5$

23) $8^2 + a =$ _____

24) $5^2 + a =$ _____

25) $\frac{1}{3} + \frac{6}{8} =$ _____

26) $\frac{4}{8} + \frac{1}{4} =$ _____

27) $\frac{3}{4} - \frac{2}{3} =$ _____

28) $\frac{1}{3} - \frac{1}{8} =$ _____

29) 25% of 500 = _____

30) 20% of 1,000 = _____



$$\begin{array}{r} 31) \quad 153.4 \\ - \quad 3.4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 32) \quad 163.0 \\ - \quad 2.2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 33) \quad 2.06 \\ \times \quad 9 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 34) \quad 2.00 \\ \times \quad 9 \\ \hline \\ \hline \end{array}$$

$$35) \quad \frac{4}{8} \times \frac{5}{2} = \underline{\hspace{2cm}}$$

$$36) \quad \frac{2}{3} \times \frac{13}{3} = \underline{\hspace{2cm}}$$

$$37) \quad 7 \overline{) 3,654}$$

$$38) \quad 8 \overline{) 3,080}$$

$$39) \quad 40\% \text{ of } 250 = \underline{\hspace{2cm}}$$

$$40) \quad 40\% \text{ of } 160 = \underline{\hspace{2cm}}$$



41) $7 \times (4 + 4) =$ _____ 42) $8 \times (8 - 5) =$ _____

Solve the equation to find the value of the variable y.

43) $10 + y = 23$ _____ 44) $y - 11 = 7$ _____

45) $9 \div \frac{3}{8} =$ _____ 46) $9 \div \frac{2}{3} =$ _____

In Questions 47 and 48, circle the odd numbers in each group.

47) 650 257 347 832 48) 558 848 309 994

In Questions 49 and 50, find the greatest common factor.

49) 28 _____ 50) 14 _____
50 _____ 42 _____

What kind of can never needs a can-opener? A Pelican.



Arithmetic Paper 1



ANSWERS

Page 1: Addition

1. 9,964 2. 8,919

Page 1: Multiplication

3. 774 4. 420

Page 1: Subtraction

5. 36 6. 80

Page 1: Division - No Remainders

7. 23 8. 14

Page 2: Addition

9. 7.4 10. 3.3

Page 2: Subtraction

11. 2.7 12. 4.1

Page 2: Multiplication

13. 484 14. 360

Page 2: Division - Remainders

15. 9 R7 16. 7 R7

Page 2: Multiple Addends

17. 160 18. 158

Page 3: Multiple Operations: Missing Operators

19. $9 + 9 - 5 + 4 = 17$

20. $1 + 3 - 2 + 6 = 8$

21. $4 + 9 + 8 + 1 = 22$

22. $7 + 2 + 3 + 3 = 15$

Page 3: Equations - Defined Variable

23. 69 24. 30



Page 3: Fractions Addition

25. $13/12$ **26.** $3/4$

Page 3: Fractions Subtraction

27. $1/12$ **28.** $5/24$

Page 3: Percent

30. 200

Page 3: Percent

29. 125

Page 4: Subtraction

31. 150.0 **32.** 160.8

Page 4: Multiplication

33. 18.54 **34.** 18.00

Page 4: Fractions Multiplication

35. $1 \frac{1}{4}$ **36.** $2 \frac{8}{9}$

Page 4: Division - No Remainders

37. 522 **38.** 385

Page 4: Percent

39. 100

Page 4: Percent

40. 64

Page 5: Multiple Operations

41. 56 **42.** 24

Page 5: Equations - Single Variable (One Side)

43. 13 **44.** 18

Page 5: Division with Whole Numbers

45. 24 **46.** $13 \frac{1}{2}$

Page 5: Circle the Numbers

47. 650 $\textcircled{257}$ $\textcircled{347}$ 832 **48.** 558 848 $\textcircled{309}$ 994

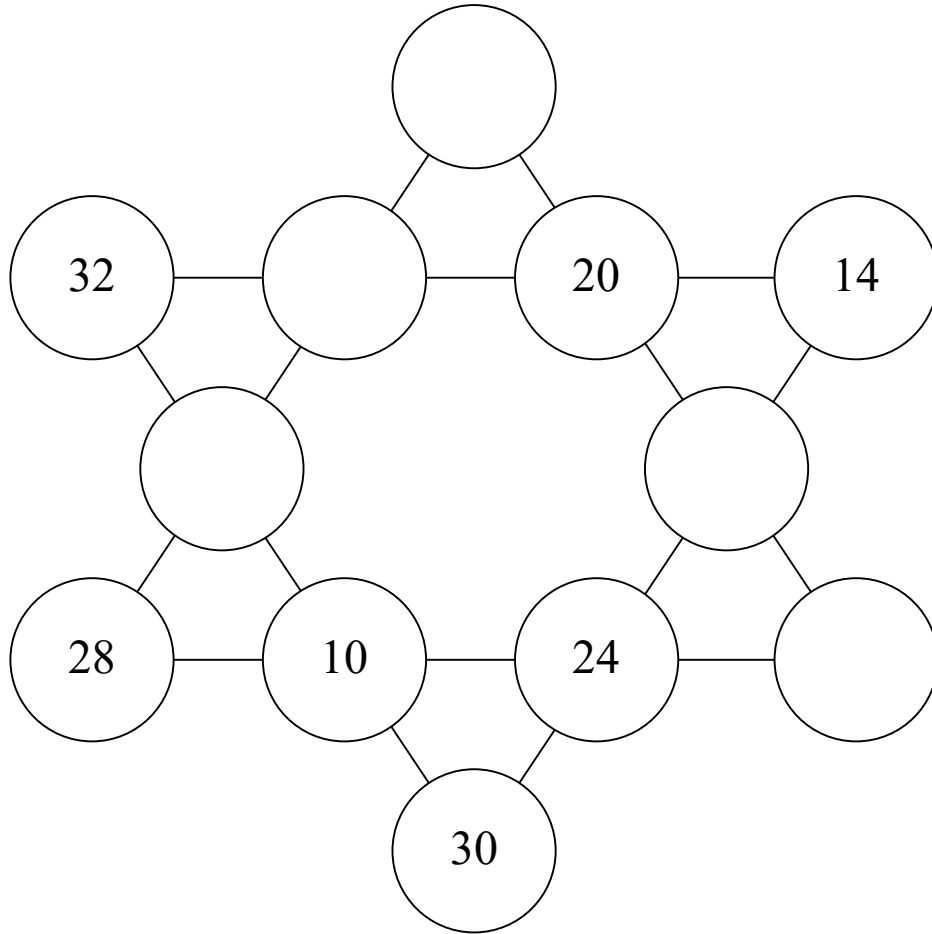
Page 5: Greatest Common Factor

49. 2 **50.** 14



Magic Stars

Find the missing numbers in the star. All star lines must add to the same magic number and no number can be used more than once.

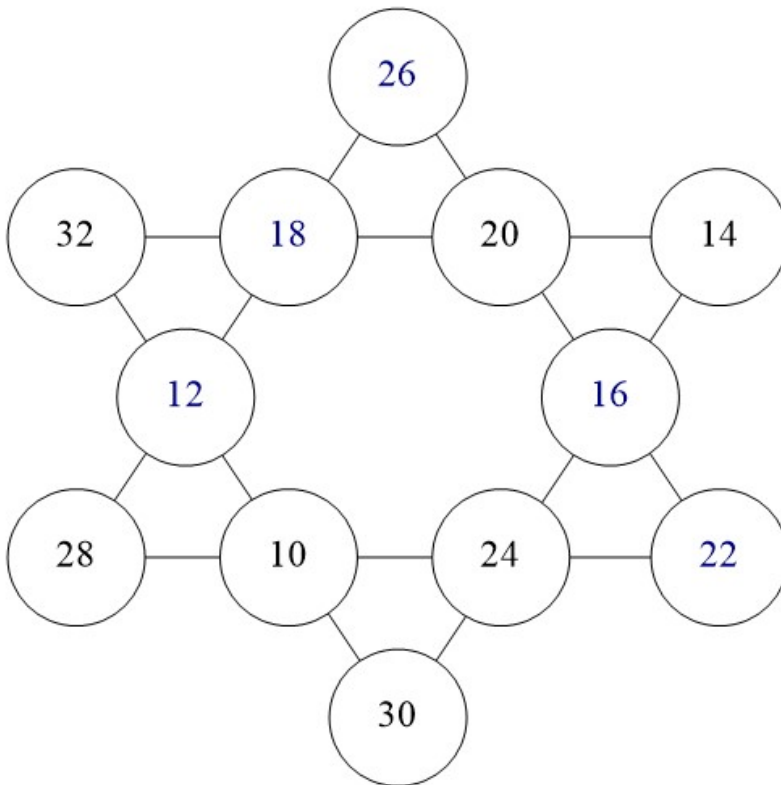


Magic Number: 84



ANSWER

Page 8: Magic Star



Magic Number: 84