



KS3 Numeracy Drills

#1

10 Daily Practice Questions
to Perfect KS3 Numeracy

Practice your numeracy every day to improve
your Maths skills.

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Answers!

1 $\frac{3}{4}$ of 8 =

6

2 $4^2 =$

16

3 $4^3 =$

64

4 Simplify fully:

$$\frac{45}{60} =$$

$\frac{3}{4}$

5
$$\begin{array}{r} 1.43 \\ -0.78 \\ \hline \end{array}$$

0.65

6 $1^7 =$

1

7 $0.5^2 =$

0.25

8 $\frac{2}{3} + \frac{1}{4} =$

$\frac{11}{12}$

9 $A = 2$
 $B = 5.$
Evaluate:
 $B^2 - 3A =$

19

10
$$\begin{array}{r} 3.4 \\ \times 5 \\ \hline \end{array}$$

17

1 $\frac{4}{5}$ of 20 =

16

2 $6^2 =$

36

3 $5^3 =$

125

4 Simplify fully:

$$\frac{5}{75} = \frac{1}{15}$$

5
$$\begin{array}{r} 3.57 \\ -1.99 \\ \hline \end{array}$$

1.58

6 $0^3 =$

0

7 $0.3^2 =$

0.09

8 $\frac{4}{5} - \frac{1}{2} =$

$\frac{3}{10}$

9 $A = -3$
 $B = 4.$

Evaluate:
 $3B - 5A =$

27

10
$$\begin{array}{r} 5.9 \\ \times 3 \\ \hline \end{array}$$

17.7

1 $\frac{1}{7}$ of 21 =

3

2 $13^2 =$

169

3 $10^3 =$

1000

4 Simplify fully:
 $\frac{100}{2000} =$

$\frac{1}{20}$

5 $\begin{array}{r} 4.37 \\ +2.5 \\ \hline \end{array}$

6.87

6 $5^1 =$

5

7 $0.9^2 =$

0.81

8 $\frac{1}{3} - \frac{2}{9} =$

$\frac{1}{9}$

9 $A = -10$
 $B = 6.$
Evaluate:
 $\frac{A}{2} + 3B =$

13

10 $\begin{array}{r} 1.7 \\ \times 4 \\ \hline \end{array}$

6.8

1 $\frac{2}{3}$ of 39 =

26

2 $7^2 =$

49

3 $2^4 =$

16

4 Simplify fully:

$$\frac{8}{400} =$$

$\frac{1}{50}$

5
$$\begin{array}{r} 3.8 \\ - 1.53 \\ \hline \end{array}$$

2.27

6 $1^{52} =$

1

7 $0.4^2 =$

0.16

8 $1 - \frac{5}{7} =$

$\frac{2}{7}$

9 $A = 8$
 $B = -4.$

Evaluate:
 $AB + 1 =$

-31

10
$$\begin{array}{r} 2.5 \\ \times 4 \\ \hline \end{array}$$

10

1 $\frac{5}{4}$ of 40 =

50

2 $15^2 =$

225

3 $3^3 =$

27

4 Simplify fully:
 $\frac{90}{180} =$

$\frac{1}{2}$

5 $\begin{array}{r} 4.52 \\ + 1.67 \\ \hline \end{array}$

6.19

6 $0^{64} =$

0

7 $0.1^2 =$

0.01

8 $\frac{5}{8} - \frac{5}{8} =$

0

9 $A = 9$
 $B = -5.$
Evaluate:
 $9A - 5B =$

106

10 $\begin{array}{r} 1.2 \\ \times 9 \\ \hline \end{array}$

10.8

1 $\frac{2}{4}$ of 42 =

21

2 $5^2 =$

25

3 $5^4 =$

625

4 Simplify fully:
 $\frac{270}{360} =$
 $\frac{3}{4}$

5 $\begin{array}{r} 2.3 \\ - 1.821 \\ \hline \end{array}$

0.479

6 $71^1 =$

71

7 $0.6^2 =$

0.36

8 $\frac{3}{7} + \frac{1}{3} =$

$\frac{16}{21}$

9 $A = -1$
 $B = 7.$
Evaluate:
 $A^2 + 3B + 5 =$

27

10 $\begin{array}{r} 9.2 \\ \times 5 \\ \hline \end{array}$

46

1 $3^2 + 4^2 =$

25

2 $C = 2$
 $D = 5.$

Evaluate:

$\frac{C}{C} + D =$

6

3 $\frac{2}{3} \times \frac{1}{8} =$

$\frac{1}{12}$

4

$$\begin{array}{r} 131 \\ 4 \overline{) 524} \end{array}$$

5 $1.5^2 =$

2.25

6 10% of 50 =

5

7
$$\begin{array}{r} 1.431 \\ -0.78 \\ \hline \end{array}$$

0.651

8 $\sqrt{16} =$

4

9 What is $\frac{1}{2}$
as a decimal?

0.5

10 $8^0 =$

1

1 $1^3 + 6^2 =$

37

2 $C = 3$
 $D = -2.$

Evaluate:

$\frac{9}{C} - D =$

5

3 $\frac{5}{5} \times \frac{3}{7} =$

$\frac{3}{7}$

4

$$\begin{array}{r} 144 \\ 5 \overline{) 720} \end{array}$$

5 $2.5^2 =$

6.25

6 90% of 50 =

45

7
$$\begin{array}{r} 2.532 \\ +2.71 \\ \hline \end{array}$$

5.242

8 $\sqrt{9} =$

3

9 What is $\frac{3}{10}$ as a percentage?

30%

10 $9^3 =$

729

1 $4^3 + 2^2 =$

68

2 $C = 5$
 $D = -10.$

Evaluate:

$\frac{D}{2C} + 9 =$

8

3 $\frac{1}{2} \times \frac{5}{7} =$

$\frac{5}{14}$

4

$\begin{array}{r} 109 \\ 2 \overline{) 218} \end{array}$

5 $3.5^2 =$

12.25

6 15% of 20 =

3

7 $\begin{array}{r} 9.031 \\ -6.8 \\ \hline \end{array}$

2.231

8 $\sqrt{81} =$

9

9 What is $\frac{3}{4}$ as a decimal?

0.75

10 $20^2 =$

400

1 $5^3 + 9^0 =$

126

2 $C = 1$
 $D = -7.$

Evaluate:
 $CD^2 =$

49

3 $\frac{3}{8} \div \frac{2}{3} =$

$\frac{9}{16}$

4

$$\begin{array}{r} 272 \\ 3 \overline{)816} \end{array}$$

5 $4.5^2 =$

20.25

6 35% of 80 =

28

7 $\begin{array}{r} 10.09 \\ -7.3 \\ \hline \end{array}$

2.79

8 $\sqrt{49} =$

7

9 What is $\frac{4}{5}$ as a percentage?

80%

10 $50^2 =$

2500

1 $10^3 - 9^2 =$

919

2 $C = 3$
 $D = -5.$

Evaluate:
 $3D - C =$

-18

3 $\frac{1}{5} \div \frac{2}{3} =$

$\frac{3}{10}$

4

$$\begin{array}{r} 31 \\ 9 \overline{) 279} \end{array}$$

5 $5.5^2 =$

30.25

6 45% of 60 =

27

7 $\begin{array}{r} 9.5 \\ -3.323 \\ \hline \end{array}$

6.177

8 $\sqrt{144} =$

12

9 What is $\frac{2}{50}$ as a percentage?

0.04

10 $20^3 =$

8000

1 $10^1 - 4^2 =$

-6

2 $C = 4$
 $D = -2.$

Evaluate:
 $5 - CD =$

13

3 $\frac{2}{7} \times \frac{5}{6} =$

$\frac{5}{21}$

4

$$\begin{array}{r} 109 \\ 8 \overline{) 872} \end{array}$$

5 $6.5^2 =$

42.25

6 55% of 120 =

66

7
$$\begin{array}{r} 11.5 \\ -9.73 \\ \hline \end{array}$$

1.77

8 $\sqrt{169} =$

13

9 What is $\frac{9}{50}$ as a percentage?

18%

10 $10^4 =$

10,000

1 $8^2 - 2^3 =$

56

2 $C = -2$
 $D = -2.$

Evaluate:
 $C^2 - D^2 =$

0

3 $\frac{3}{8} \times \frac{10}{12} =$

$\frac{5}{16}$

4

$$\begin{array}{r} 473 \\ 10 \overline{) 4730} \end{array}$$

5 $7.5^2 =$

56.25

6 75% of 200 =

150

7 $\begin{array}{r} 13.02 \\ + 9.79 \\ \hline \end{array}$

22.81

8 $\sqrt{1} =$

1

9 What is $\frac{1}{8}$ as a decimal?

0.125

10 $9^3 =$

729