# Index Numbers

**Fill in the blanks,**

1) What is the value of $3^4$ ? _____

2) Find the value of $4^{-2}$ ? _____

3) Write $b^5 \times b^3 \times b^2$ as a single number in index form. $b$

4) What is the value of $145^0$ ? _____

5) Write $4^3 \times 4^3 \div 4^6$ in index form. $4$

6) Give the answer in index form $\frac{6^3 \times 6^3}{6^4}$ $6$

7) What is the value of $8^5 \div 8^6$ ? $8$

8) What is the value of $10^4$ ? _____

LIVEWORKSHEETS

# Rounding

**Choose the correct answer.**

9) Write 0.9753 correct to 3 decimal places.

a) 9.753

b) 0.970

c) 0.975

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10) Write 6.749 correct to 2 decimal places.

a) 6.75

b) 0.675

c) 6.74

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11) Write 9.5508 correct to 3 decimal places.

a) 9.55

b) 9.551

c) 9.560

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LIVEWORKSHEETS

12) Round 73.721 correct to the nearest unit.

a) 74

b) 73

c) 73.7

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13) Write 0.9753 correct to 3 significant figures.

a) 9.75

b) 0.975

c) 09.750

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14) Write 4763 correct to 2 significant figures.

a) 4760

b) 4700

c) 4800

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LIVEWORKSHEETS

# Standard Form / Ordinary Form

**A) Fill in the blanks :**

15) Change $3.207 \times 10^{-3}$ into ordinary number.

_____

16) When we change 33356 to standard form, what is the correct powers of 10 ; $3.3356 \times 10^{\cdots\cdots}$ _____

17) Change $7.12 \times 10^{5}$ into ordinary number.

_____

18) Change $1.45 \times 10^{-1}$ into ordinary form.

_____

19) Change $6.1235 \times 10^{2}$ into ordinary form.

_____

LIVEWORKSHEETS

**B) Choose the correct answer :**

20) Change 0.0000234 to standard form.

a) $0.234 \times 10^{-5}$

b) $2.34 \times 10^{-5}$

c) $23.4 \times 10^{-1}$

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21) Change 7267000 to standard form.

a) $7.267 \times 10^{6}$

b) $7.267 \times 10^{-6}$

c) $7.267 \times 10^{5}$

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22) Change 0.000678 to standard form.

a) $678 \times 10^{4}$

b) $6.78 \times 10^{-4}$

c) $6.78 \times 10^{5}$

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LIVEWORKSHEETS