

Name _____

Date _____

Unit 3 · Place value and rounding — glossary

All 12 key words, with a worked example for each.

Term	Meaning	Example
power of 10	A number made by multiplying 10s together.	$10^3 = 1000$.
index	The small raised number showing how many 10s are multiplied.	In 10^4 the index is 4.
place value	The value a digit has because of its position.	In 3.47 the 4 stands for 4 tenths.
decimal point	The dot separating the whole-number part from the decimal part.	In 23.5 the point is between the 3 and the 5.
digit	One of the symbols 0 to 9.	45.6 has three digits.
round	To replace a number by a nearby, simpler one.	4.27 rounds to 4.3.
degree of accuracy	How precise an answer must be.	"To 2 decimal places" is a degree of accuracy.
decimal place	A digit position after the decimal point.	3.15 is given to 2 decimal places.
significant figures	The digits that carry meaning, from the first non-zero digit.	45 678 to 3 s.f. is 45 700.
approximate	Close to the true value but not exact.	1.21 is an approximate value of $8.46 \div 7$.
tenths	The first decimal place.	In 0.4 there are 4 tenths.
hundredths	The second decimal place.	In 0.07 there are 7 hundredths.