

Name _____

Date _____

Unit 4 · Decimals — glossary

All 16 key words, with a worked example for each.

Term	Meaning	Example
decimal number	A number with a decimal point, such as 3.47.	<i>8.9 is a decimal.</i>
whole-number part	The part of a decimal before the point.	<i>In 14.639 the whole-number part is 14.</i>
decimal part	The part of a number after the point.	<i>In 14.639 the decimal part is 0.639.</i>
tenths	The first decimal place.	<i>In 0.4 there are 4 tenths.</i>
hundredths	The second decimal place.	<i>In 0.07 there are 7 hundredths.</i>
thousandths	The third decimal place.	<i>In 0.002 there are 2 thousandths.</i>
compare	To decide which of two numbers is larger.	$6.45 < 8.9$.
order	To arrange numbers by size.	<i>2.6, 2.816, 2.82 are in order of size.</i>
mental method	Working an answer out in your head.	$2.3 + 7.8 = 9 + 1.1 = 10.1$ is a mental method.
written method	Setting a calculation out on paper, usually in columns.	<i>Lining up the decimal points is a written method.</i>
partitioning	Splitting a number into parts that are easier to work with.	$1.5 \times 48 = 48 + 24$.
equivalent fraction	A fraction with the same value written another way.	$0.06 = 6/100$.
product	The result of a multiplication.	<i>The product of 0.3 and 7 is 2.1.</i>
degree of accuracy	How precise an answer must be.	<i>"To 2 decimal places" is a degree of accuracy.</i>
estimate	A rough answer used to check the exact one.	$476 \times 3.7 \approx 500 \times 4 = 2000$.
place value	The value a digit has because of its position.	<i>In 3.47 the 4 stands for 4 tenths.</i>