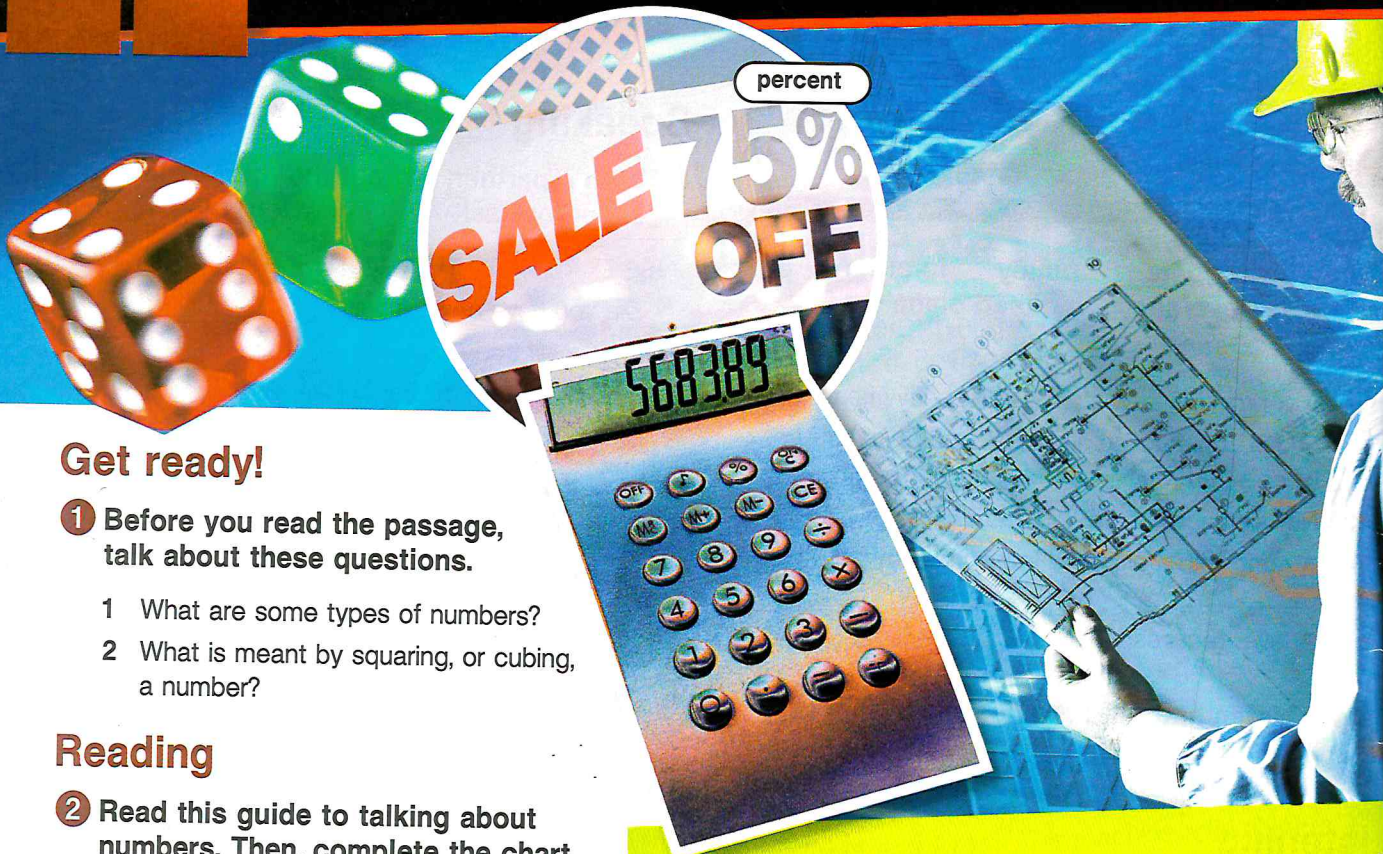


7 Working with numbers



Get ready!

- 1 Before you read the passage, talk about these questions.
- 1 What are some types of numbers?
 - 2 What is meant by squaring, or cubing, a number?

Reading

- 2 Read this guide to talking about numbers. Then, complete the chart.

Symbol	How it is Said
0.09	1 _____
2 _____	ten to the fifth power
32%	3 _____
0.1	4 _____
3 ³	5 _____
6 _____	eleven squared

Vocabulary

- 3 Match the words (1-6) with the definitions (A-F).

- | | |
|-----------------------------|----------------------------------|
| 1 ___ times ¹ | 4 ___ cubed ³ |
| 2 ___ percent ⁹⁰ | 5 ___ squared ¹ |
| 3 ___ equals ^x | 6 ___ exponent ^{number} |

- A multiplied twice by itself ¹
 B an amount out of 100
 C a number showing powers of multiplication ⁶
 D multiplied three times by itself ⁹
 E multiplied by ¹
 F is the same as

How do they say it?

Symbol	Interpretation	Example
=	equals	5 + 2 = 7 five plus two equals/is seven
%	percent	5% five percent
0.5	five tenths	0.6 six tenths zero point six
0.05	five hundredths	0.06 six hundredths
0.005	five thousandths	0.006 six thousandths
10 ²	ten squared	5 ² + 3 five squared plus three
10 ³	ten cubed	5 ³ + 4 five cubed plus four
10 ⁴	ten to the fourth power	10 ⁵ / 10 ⁶ / 10 ⁷ ten to the fifth power ten to the sixth power ten to the seventh power
5.2 X 10 ⁴	scientific notation	5.3 X 10 ⁶ five point three times ten to the sixth power