6 × 8 = **48**
3 × 7 = **21**
9 × 2 = **18**
5 × 5 = **25**
10 × 4 = **40**
2 × 6 = **12**
8 × 3 = **24**
4 × 9 = **36**
7 × 10 = **70**
1 × 8 = **8**
9 × 7 = **63**
3 × 9 = **27**
2 × 5 = **10**
6 × 10 = **60**
4 × 6 = **24**

7 × 5 = **35**
8 × 2 = **16**
10 × 9 = **90**
1 × 3 = **3**
5 × 9 = **45**
6 × 4 = **24**
9 × 3 = **27**
2 × 8 = **16**
7 × 6 = **42**
8 × 9 = **72**
3 × 5 = **15**
4 × 7 = **28**
10 × 6 = **60**
1 × 10 = **10**
9 × 4 = **36**

5 × 6 = **30**
6 × 2 = **12**
7 × 4 = **28**
3 × 8 = **24**
10 × 7 = **70**
2 × 9 = **18**
8 × 6 = **48**
9 × 6 = **54**
1 × 4 = **4**
4 × 8 = **32**
10 × 3 = **30**
5 × 7 = **35**
7 × 8 = **56**
3 × 6 = **18**
6 × 9 = **54**

1 × 2 = **2**
2 × 7 = **14**
8 × 5 = **40**
4 × 10 = **40**
9 × 5 = **45**

1. Write in standard form:
   a) 4 million 800 thousand 567
   b) 5 000 000 + 40 000 + 3000 + 91

(a) 4 800 567

(b) 5 043 091

2. Write in ~~expanded~~ **Standard** form:
   a) 7 000 000 + 50 000 +300 + 2

7 050 302

3. Expanded form

   a) 8 985 600 021

$8\,000\,000\,000 + 900\,000\,000 + 8\,000\,000 + 5\,000\,000 +$
$600\,000 + 20 + 1$

4. Write the number that is 200 000 greater than 289 507 401 (Show work or explain how you know)

$$289\ 507\ 401$$
$$+\qquad 200\ 000$$
$$\overline{289\ 707\ 401}$$

5.
What about.... 10 000 more than 3 457 000

$$3\ 457\ 000$$
$$+\qquad 10\ 000$$
$$\overline{3\ 467\ 000}$$

6: How many times as great as one thousand is one million?
Use a calculator to check your answer.

Let's try a word problem....

6. China is the most populated country in the world. In 2007, it had an estimated population of one billion three hundred twenty-one million eight hundred fifty-one thousand eight hundred eighty-eight.
Write this number in standard form and in expanded form.

(a) 1 321 851 888

1 000 000 000 + 3 00000000 + 2 0000000 +
1 000000 + 8 00000 + 50000 + 1 000 + 800 + 80 + 8

7. The largest known prehistoric insect is a species of dragonfly.
   It lived about 280 000 000 years ago.
   Write this number in words.

two hundred eighty million

8. North America's largest shopping centre is in Edmonton, Alberta.
   It covers an area of 492 386 m² and cost about $1 200 000 000 to build.
   Write these numbers in a place-value chart.

9. A student read 3 000 146 as "three thousand one hundred forty-six."
   How would you explain the student's error?

three million one hundred forty six

10. I am a number between 7 000 000 and 8 000 000.
    All my digits are odd.
    All the digits in my thousands period are the same.
    All the digits in my units period are the same.
    The sum of all my digits is 31.
    What number am I?
    Give as many answers as you can.
    What strategies did you use to find the
    mystery number?

11. In November, 2005, six-year-old
Brianna Hunt found a fossilized squid
near her home on the Blood Reserve,
outside Lethbridge, Alberta.
The fossil is believed to be about
73 million years old.
Write this number in standard form.