1. What will be the unit digit of the squares of the following numbers?

(i) 81 (ii) 272 (iii) 799

(v) 1234 (vi) 26387 (vii) 52698

2. The following numbers are obviously not perfect squares. Give reason.

(i) 1057 (ii) 23453 (iii) 7928 (iv) 222222

3. The squares of which of the following would be odd numbers?

(i) 431 (ii) 2826 (iii) 7779 (iv) 82004

6. Using the given pattern, find the missing num

$1^2 + 2^2 + 2^2 = 3^2$

$2^2 + 3^2 + 6^2 = 7^2$

$3^2 + 4^2 + 12^2 = 13^2$

$4^2 + 5^2 + \_^2 = 21^2$

$5^2 + \_^2 + 30^2 = 31^2$

$6^2 + 7^2 + \_^2 = \_\_^2$

To fi
Third
numb
Four
How

7. Without adding, find the sum.

(i) $1 + 3 + 5 + 7 + 9$

(ii) $1 + 3 + 5 + 7 + 9 + 11 + 13 + 15 + 17 + 19$

Write a Pythagorean triplet whose smallest member is 8.

Find the square of the following numbers without actual multiplication.

(ii) 42