OPERATIONS WITH WHOLE NUMBERS
SKILLS QUESTIONS

Q1. Write the following in words:
(a) 245   (b) 3894   (c) 9602

Q2. Write the following in extended form:
(a) 3643   (b) 805   (c) 212 435

Q3. Compare the values of the nominated digits in each of the following:
(a) 9180, 823 (8s)   (b) 42 375, 120 (2s)

Q4. Write the following as numbers:
(a) eighty-four thousand, one hundred and six
(b) twenty-seven billion, two hundred and thirty thousand
(c) six thousand and twelve

Q5. Add:

(a)   487
       + 395

(b)   2096
       + 1015

(c)   173
       + 166

(d)   58 + 63

(e)   245 + 355

(f)   16 + 395

Q6. Find the difference between these numbers:

(a)   109
      - 64

(b)   200
      - 43

(c)   923
      - 788

(d)   467
      - 248

(e)   333
      - 194

(f)   841
      - 322

Q7. Calculate the following products:

(a)   27
      x 8

(b)   35
      x 12

(e)   84
      x 39

Q8. Find the following quotients:

(a) $6\overline{)636}$ (b) $5\overline{)3750}$

(c) $9\overline{)8163}$ (d) $4\overline{)9624}$

Q9. Write these statements 0 using the symbols >, = or <.
(a) 25 is less than 90
(b) 50 is equal to five times 10
(c) twelve is greater than five

Q10. Complete each of the following using the symbols >, = or <.
(a) 7 + 12 ☐ 4
(b) 84 ☐ 79
(c) 32 ☐ 50
(d) 7 x 8 ☐ 56

Q11. Use written methods to work out the following:
(a) 4270 + 503 + 621 + 8472 + 25   (b) 604 320 – 243 496

Q12. Use written methods to work out the following:
(a)568 x 65   (b) 123 x 8   (c) 596 ÷ 8   (d) $\dfrac{4905}{15}$

Q13. An experiment was conducted using 9780 students to test. Only 3467 students were recorded. How many students were not recorded?

Q14. At Happy Mountain High School there are 330 Year 8 students, 270 Year 9 students, 200 Year 10 students, 240 Year 11 students and 296 Year 12 students. How many students are there at the school?

Q15. Fly screen costs $3 per metre. How much will it cost for 30 metres to screen the windows of a house?

Q16. Jasmine has to cut a length of rope 15m long into 5 pieces. How long will each piece be?

Q17. A book is 14mm thick. How many books would be needed to make a stack 350cm high?

ANSWERS

Q1.(a) two hundred and forty five
(b) three thousand, eight hundred and ninety four
(c) nine thousand, six hundred and two

Q2.(a) 3 x 1000 + 6 x 100 + 4 x 10 + 3 x 1
(b) 8 x 100 + 5 x 1
(c) 2 x 100000 + 1 x 10000 + 2 x 1000 + 4 x 100 + 3 x 10 + 5 x 1

Q3.(a) 80, 800
(b) 2000, 20

Q4.(a) 84 106
(b) 27 000 230 000
(c) 6012

Q5.(a) 882
(b) 3111
(c) 339
(d) 121
(e) 600
(f) 411

Q6.(a) 45
(b) 157
(c) 135
(d) 219
(e) 139
(f) 519

Q7.(a) 216
(b) 420
(c) 3276

Q8.(a) 106
(b) 750
(c) 907
(d) 2406

Q9.(a) 25 < 90
(b) 50 = 5 x 10
(c) 12 > 5

Q10. (a) >
(b) >
(c) <
(d) =

Q11.(a) 13891

(b) 360824

Q12.(a) 36920
(b) 984
(c) 74.5
(d) 327

Q13. 6313

Q14. 1336

Q15. $90

Q16. 3 m

Q17. 25 books