Yr 6 Trial Test Class Maths Worksheet #14

1. Which of these is closest to 506 000?
   a. 560 000   b. 56 500   c. 503 990   d. 507 490

2. Which set of numbers are all factors of 36?
   a. 2,3,4,6,12,16,18   b. 2,3,4,6,8,12,18
   c. 2,3,4,6,9,12,18   d. 2,3,4,6,12,14,18

3. These numbers are arranged in descending order:

   8.3, 8.038, 8.03, 8.008

   Which number comes next?
   a. 8.083   b. 8.303   c. 8.083   d. 8.003
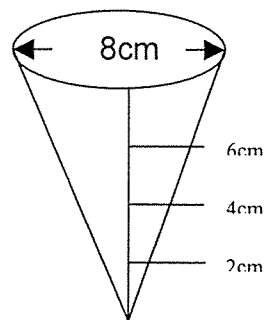
4. If 30% of a number is 12, what is that number?
   a. 48   b. 40   c. 36   d. 4

5. How many numbers between 1 and 150 are divisible by both 8 and 5 without remainders?
   a. 3   b. 6   c. 15   d. 30

6. Here is a hollow cone. It is filled with water to the 4cm mark. What fraction of the cone's total capacity is filled with water?

   a. about half   b. about one third
   c. about one quarter   d. about one eighth

7. When the time in England is 4 a.m. Tuesday the time in Melbourne is 6 p.m. the same day. What will the time be in Melbourne when the time is 9 p.m. on Friday in England?
   a. 7 a.m. Thursday   b. 11 a.m. Saturday
   c. 11 p.m. Saturday   d. 9 a.m. Friday

8. Which set of fractions is in ascending order?

   a. $\dfrac{1}{2}$ $\dfrac{2}{3}$ $\dfrac{4}{7}$ $\dfrac{5}{9}$ b. $\dfrac{3}{8}$ $\dfrac{3}{5}$ $\dfrac{2}{3}$ $\dfrac{5}{6}$

   b. $\dfrac{1}{2}$ $\dfrac{1}{3}$ $\dfrac{1}{5}$ $\dfrac{1}{8}$ d. $\dfrac{3}{10}$ $\dfrac{1}{4}$ $\dfrac{1}{3}$ $\dfrac{3}{12}$

9. 0.3 x 0.2 x 0.5 =
   a. 0.30   b. 0.03   c. 0.003   d. 3.00

10. Gavin leaves Townsville and flies to Hobart. The temperature in Townsville was 23°C. The temperature in Hobart, on arrival, was -4°C. What was the difference in temperature?

    a. 19°C   b. 23°C   c. 27°C   d. -19°C