SAMPLE ADMISSION TEST PAPER
SUBJECT: MATHEMATICS
CLASS: 8

Name: _____	Duration: 30 minutes
Date: _____	Marks: _____/20

Q1. Find the largest whole number that is a factor of both 180 and 210. (/2)

Q2. Evaluate: $\frac{24}{25} \div 1\frac{17}{15}$ (/2)

Q3. Convert 295.63952 to: (/2)

a. 1 decimal place _____

b. the nearest 0.01 _____

c. the nearest whole number _____

d. the nearest thousandth _____

Q4. Factorise the following expression completely. (/2)

$-8x + 24xy - 16xz$

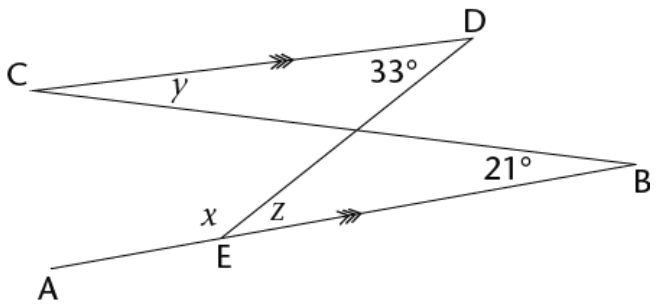
Q5. If $m = \frac{x+2y}{4}$, find the value of x when $m = 6$ and $y = 8$. (/3)

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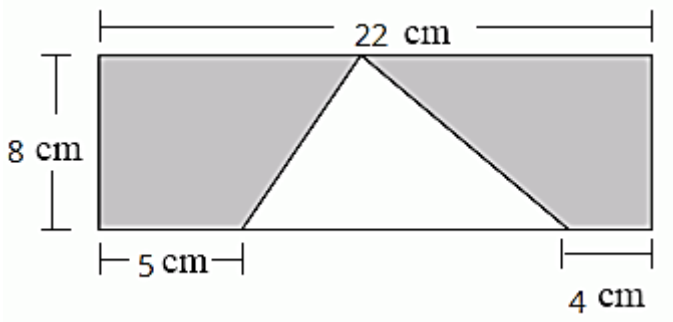
Q6. There are 250 books on a library shelf. Given that 40% of them are fiction, find the number of books that are not fiction. (/3)

Q7. Simplify the ratio of $0.85 : 4\frac{5}{18}$. (/2)

Q8. Find the values of the unknowns. (/2)



Q9. Find the area of the shaded region. (/2)



SAMPLE PAPER