



MATHS

Recurring Decimal Number

Example

1. By actual division let us find if the quotient is terminating decimal number or recurring decimal number: 7 m long ribbon is divided

into 8 equal pieces, let's find the length of each piece.



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2. By actual division let us find if the quotient is terminating decimal number or recurring decimal number: Let's find the weight of each packet of sugar when 11 kg sugar is divided equally in 12 packets.



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3. By actual division let us find if the quotient is terminating decimal number or recurring decimal number: Let's calculate the amount of water each bottle can hold when 12 liters water is poured in 7 equal sized bottles.



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4. By actual division let us find if the quotient is terminating decimal number or recurring decimal number: 7 m long ribbon is divided

into 8 equal pieces, let's find the length of each piece.



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5. Express the following fractions in decimal fraction and identify the terminating and recurring decimal numbers. (i) $\frac{13}{20}$.



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6. Express the following fractions in decimal fraction and identify the terminating and recurring decimal numbers. (ii) $\frac{12}{15}$.



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7. Express the following fractions in decimal fraction and identify the terminating and recurring decimal numbers. (iii) $\frac{63}{25}$.



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8. Express the following fractions in decimal fraction and identify the terminating and recurring decimal numbers. (iv) $\frac{117}{50}$.



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9. Express the following fractions in decimal fraction and identify the terminating and recurring decimal numbers. (v) $\frac{15}{25}$.



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10. Express the following fractions in decimal fraction and identify the terminating and recurring decimal numbers. (vi) $\frac{60}{37}$.



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11. Express the following fractions in decimal fraction and identify the terminating and recurring decimal numbers. (vii) $\frac{85}{22}$.



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12. Express the following fractions in decimal fraction and identify the terminating and recurring decimal numbers. (viii) $\frac{121}{55}$.



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13. Express the following fractions in decimal fraction and identify the terminating and recurring decimal numbers. (ix) $\frac{153}{63}$.



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14. Express the following fractions in decimal fraction and identify the terminating and recurring decimal numbers. (x) $\frac{97}{20}$.



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15. Express the following fractions in decimal fraction and identify the terminating and recurring decimal numbers. (xi) $\frac{196}{45}$.



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16. Express the following fractions in decimal fraction and identify the terminating and recurring decimal numbers. (xii) $\frac{121}{25}$.



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17. Let's arrange the following in ascending order. (i) 0.3, 0.16, 0.1



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18. Let's arrange the following in ascending

order. (ii) 0.63 , $\frac{5}{6}$, $\frac{3}{4}$



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19. Let's arrange the following in ascending

order. (iii) 0.53 , $\frac{2}{25}$, $\frac{16}{75}$.



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20. Let's arrange the following in ascending order. 0.916 , $\frac{1}{121}$, $\frac{3}{44}$.



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