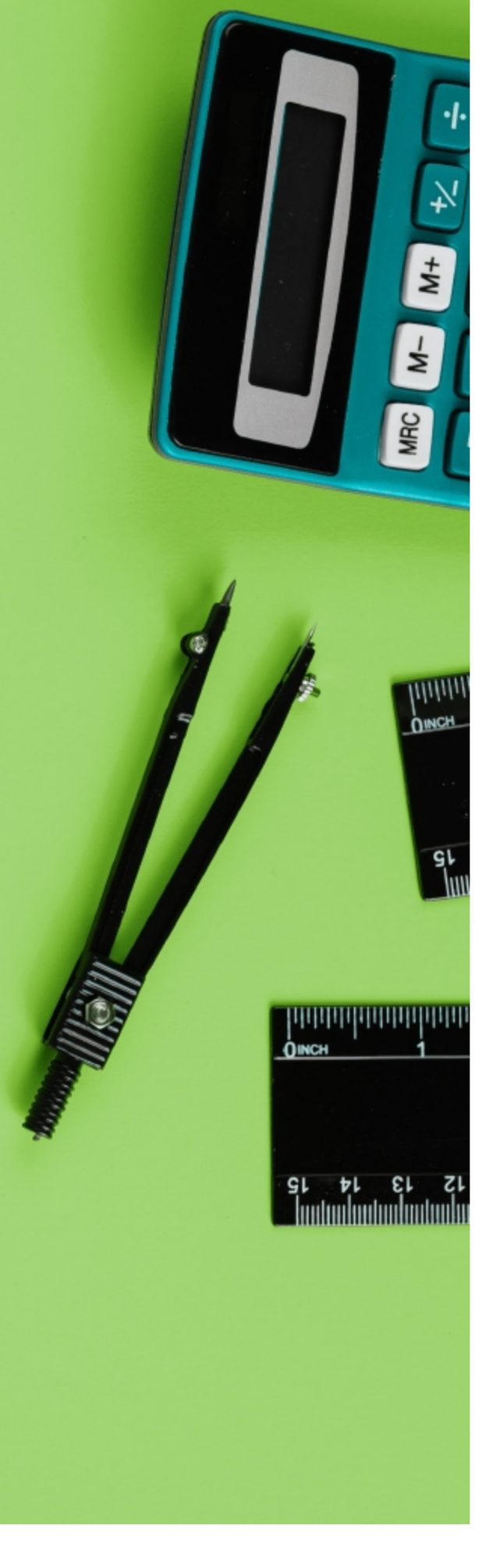
RD Sharma Solutions

Class 7

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Exercise 11.3

Q.1 Express each of the following percents as decimal

(i) 12.5 % (ii) 75 % (iii) 128.8 % (iv) 0.05 %

Solution (i) $12.5\% = \frac{12.5}{100} = 0.125$

(ii) $75\% = \frac{75}{100} = 0.75$

(iii) $128.8\% = \frac{128.8}{100} = 1.288$

(iv) $0.05\% = \frac{005}{100} = 0.0005$

Q.2 Express each of the following decimals as a percent:

(i) 0.004 (ii) 0.24 (iii) 0.02 (iv) 0.275

Solution (i) $0.004 = \frac{4}{1000} \times 100 = 0.4\%$

(ii) $0.24 = \frac{24}{100} = \frac{24}{100} \times 100 = 24\%$

(iii) $0.02 = \frac{2}{100} = \frac{2}{100} \times 100 = 2\%$

(iv) $0.275 = \frac{275}{1000} = \frac{275}{1000} \times 100 = 27.5\%$

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Q.3 Write each of the following as whole number or mixed numbers.

(I) 136% (II) 250% (III) 300%

Solution: (I) $136\% = \frac{136}{100} = \frac{34}{25}$

(II) $250\% = \frac{250}{100} = \frac{5}{2}$

(III) $300\% = \frac{300}{100} = 3$

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