Name :   Date :

Grade : VII   **Worksheet**   Submission Date :

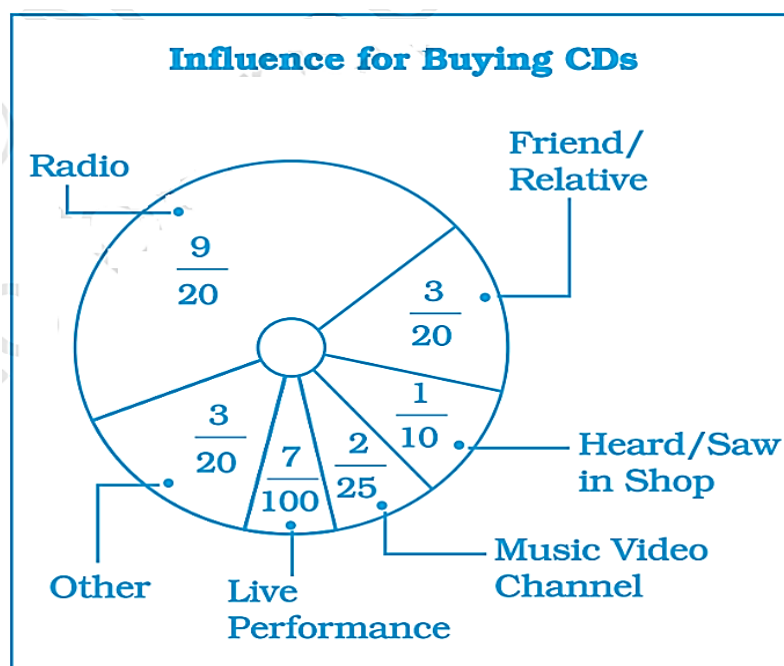Subject : Math   Parent's sign :

FRACTIONS AND DECIMALS

1. If the fraction of the frequencies of two notes have a common factor between the numerator and denominator, the two notes are harmonious. Use the graphic below to find the fraction of frequency of notes D and B.

C	D	E	F	G	A	B
264	297	330	352	396	440	495

2. In a survey, 200 students were asked what influenced them most to buy their latest CD. The results are shown in the circle graph.

Influence for Buying CDs

Radio: $\frac{9}{20}$

Friend/Relative: $\frac{3}{20}$

Heard/Saw in Shop: $\frac{1}{10}$

Music Video Channel: $\frac{2}{25}$

Live Performance: $\frac{7}{100}$

Other: $\frac{3}{20}$

(a) How many students said radio influenced them most?

(b) How many more students were influenced by radio than by a music video channel?

(c) How many said a friend or relative influenced them or they heard the CD in a shop?

3. The product of two numbers is $20\frac{5}{7}$. If one of the numbers is $6\frac{2}{3}$, find the other.

4. Renu completed $\frac{2}{3}$ part of her home work in 2 hours. How much part of her home work had she completed in $1\frac{1}{4}$ hours?