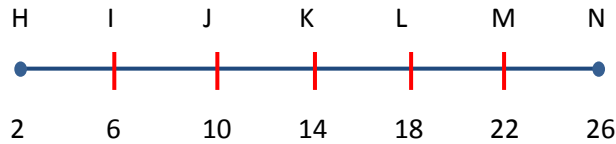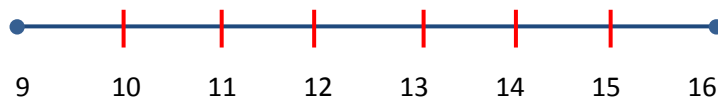Name _____   Date _____

Relative Conditional Probability - Independent Practice Worksheet
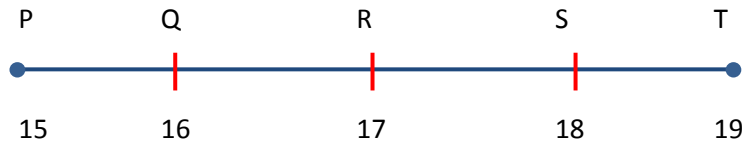
Complete all the problems.

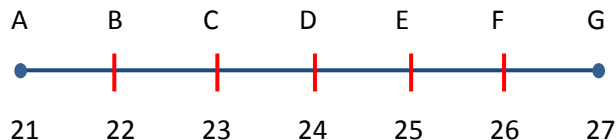1. A point on $\overline{HN}$ is chosen at random. What is the probability it is also on $\overline{KN}$?

H	I	J	K	L	M	N
2	6	10	14	18	22	26

2. A point on the line segment is chosen at random. What is the probability it is between 10 and 16?

9   10   11   12   13   14   15   16

3. A point on $\overline{PT}$ is chosen at random. What is the probability it is also on $\overline{RS}$?

P	Q	R	S	T
15	16	17	18	19

4. A point on $\overline{AG}$ is chosen at random. What is the probability it is also on $\overline{BE}$?

A	B	C	D	E	F	G
21	22	23	24	25	26	27

5. A point on the line segment is chosen at random. What is the probability it is between 13 and 45?

5   10   15   20   25   30   35   40   45

6. A point on the line segment is chosen at random. What is the probability it is between 11 and 21?

9   12   15   18   21

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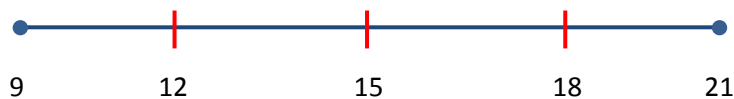
7. A point on $\overline{KR}$ is chosen at random. What is the probability it is also on $\overline{LN}$?

K	L	M	N	O	P	Q	R
4	8	12	16	20	24	28	32
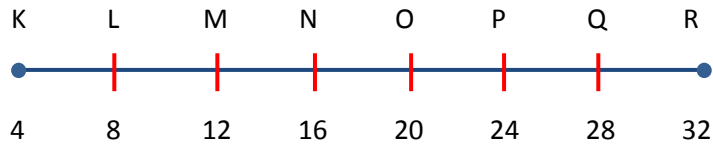
8. A point on the line segment is chosen at random. What is the probability it is between 16 and 28?

| 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 |
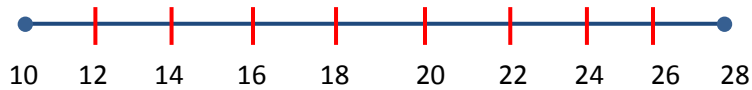
9. A point on the line segment is chosen at random. What is the probability it is between 8 and 35?

| 0 | 7 | 14 | 21 | 28 | 35 |

10. A point on $\overline{CH}$ is chosen at random. What is the probability it is also on $\overline{EF}$?

C	D	E	F	G	H
0	3	6	9	12	15