4. Берилган тўғри чизиқ билан текисликнинг кесишиш нуқтасини топинг:

4.1.
$$\frac{x-3}{0} = \frac{y+2}{3} = \frac{z-5}{10}$$
, $x+2y-2z+25=0$.

4.2.
$$\frac{x+1}{1} = \frac{y+3}{0} = \frac{z-2}{-2}$$
, $2x - 7y - 3z - 21 = 0$.

4.3.
$$\frac{x-1}{2} = \frac{y-2}{-3} = \frac{z-3}{1}$$
, $5x-2y-z-13=0$.

4.4.
$$\frac{x+2}{-2} = \frac{y-1}{4} = \frac{z-2}{3}$$
, $4x-y+3z+6=0$.

$$4x - y + 3z + 6 = 0$$
.

4.5.
$$\frac{x+5}{3} = \frac{y-3}{1} = \frac{z-1}{6}$$
, $5x-2y+3z-3=0$

$$5x-2y+3z-3=0$$
.

4.6.
$$\frac{x+1}{3} = \frac{y}{0} = \frac{z+1}{-2}$$
, $5x - 2y + 3z - 3 = 0$.

$$5x-2y+3z-3=0$$
.

4.7.
$$\frac{x-8}{0} = \frac{y+2}{-1} = \frac{z-3}{1}$$
, $4x+9y+5z=0$.

$$4x + 9y + 5z = 0$$

4.8.
$$\frac{x+8}{7} = \frac{y-2}{1} = \frac{z-1}{-1}$$
, $6x-y-4z-3=0$.

$$6x - y - 4z - 3 = 0$$

4.9.
$$\frac{x-1}{2} = \frac{y+3}{5} = \frac{z-5}{-1}$$
, $5x-7y-3z+11=0$.

$$5x - 7y - 3z + 11 = 0$$

4.10.
$$\frac{x+5}{0} = \frac{y-1}{-1} = \frac{z-3}{1}$$
, $3x+7y+z+11=0$.

$$3x+7y+z+11=0$$
.

4.11.
$$\frac{x+5}{12} = \frac{y-8}{-5} = \frac{z-1}{8}$$
, $3x-2y-z-6=0$.

$$3x-2y-z-6=0$$

4.12.
$$\frac{x+4}{-1} = \frac{y-2}{0} = \frac{z-5}{-2}$$
, $4x - 5y + 2z + 24 = 0$.

$$4x - 5y + 2z + 24 = 0$$
.

4.13.
$$\frac{x+3}{2} = \frac{y+1}{3} = \frac{z-3}{2}$$
, $7x+4y+3z-16=0$.

$$7x + 4y + 3z - 16 = 0$$

4.14.
$$\frac{x-3}{3} = \frac{y+5}{2} = \frac{z}{1}$$
, $3x + 4y - 5z + 20 = 0$.

$$3x + 4y - 5z + 20 = 0$$
.

4.15.
$$\frac{x-1}{5} = \frac{y-1}{3} = \frac{z+3}{2}$$
, $7x-3y+2z-28=0$.

$$7x-3y+2z-28=0$$
.

4.16.
$$\frac{x-4}{2} = \frac{y-4}{5} = \frac{z-3}{-1}$$
, $4x+y-7z-19=0$.

$$4x+y-7z-19=0$$
.

4.17.
$$\frac{x-4}{3} = \frac{y-2}{-1} = \frac{z-2}{2}$$
, $5x-3y+z-36=0$.

$$5x - 3y + z - 36 = 0$$
.

4.18.
$$\frac{x+2}{3} = \frac{y-2}{-5} = \frac{z+3}{1}$$
, $4x-y+5z+3=0$.

$$4x - y + 5z + 3 = 0$$

4.19.
$$\frac{x+3}{2} = \frac{y-1}{1} = \frac{z+2}{-1}$$
, $x-2y-z+2=0$.

$$x-2y-z+2=0$$

4.20.
$$\frac{x-1}{z-1} = \frac{y+1}{0} = \frac{z-1}{1}$$
, $4x+2y-3z+8=0$.

$$4x + 2y - 3z + 8 = 0$$
.

4.21.
$$\frac{x+2}{3} = \frac{y-1}{-1} = \frac{z-1}{2}$$
, $x-2y-4z+11=0$.

$$x-2y-4z+11=0$$

4.22.
$$\frac{x+3}{0} = \frac{y-2}{0} = \frac{z+2}{1}$$
, $5x+3y-2z+7=0$.

$$5x + 3y - 2z + 7 = 0$$

4.23.
$$\frac{x+4}{-1} = \frac{y-1}{1} = \frac{z+2}{-1}$$
, $3x-y+2z+23=0$.

$$3x - y + 2z + 23 = 0$$
.

4.24.
$$\frac{x-4}{1} = \frac{y-2}{0} = \frac{z-1}{2}$$
, $4x-2y+z-19=0$.

$$4x-2y+z-19=0$$
.

4.25.
$$\frac{x+1}{4} = \frac{y-3}{-1} = \frac{z-2}{1}$$
, $3x-2y+z-8=0$.

$$3x-2y+z-8=0$$
.

4.26.
$$\frac{x-1}{5} = \frac{y+3}{-4} = \frac{z+1}{3}$$
, $5x+2y+z-15=0$.

$$5x+2y+z-15=0$$

4.27.
$$\frac{x-2}{2} = \frac{y+4}{4} = \frac{z-1}{-1}$$
, $7x+3y+z-25=0$.

$$7x + 3y + z - 25 = 0$$

4.28.
$$\frac{x+3}{2} = \frac{y}{0} = \frac{z-1}{1}$$
, $4x-y+2z=0$.

$$4x - y + 2z = 0$$

4.29.
$$\frac{x-2}{0} = \frac{y-3}{-1} = \frac{z-5}{1}$$
, $5x - y - 3z + 10 = 0$.

$$5x - y - 3z + 10 = 0$$
.

4.30.
$$\frac{x-3}{-2} = \frac{y+2}{2} = \frac{z+1}{-3}$$
, $x+3y-5z-21=0$.

$$x + 3y - 5z - 21 = 0$$