

$$7) \quad \boxed{\times} \quad x + (-y) + (-a) = x - y - a$$

$$\quad \boxed{} \quad (-x) + (-y) - a = -x - y - a$$

$$\quad \boxed{} \quad x - (-y) + (-a) = x + y - a$$

$$\quad \boxed{\times} \quad x - (+y) - (+a) = x - y - a$$

$$8) \quad \underbrace{(-45) : (-9)} \cdot (+3)$$

$$\quad (+5) \cdot (+3) = +15$$

$$\bullet \quad 9) \quad [45 + (-60)] \cdot [(-1) + (-4)]$$

$$\quad -15 \quad : \quad (-5) = +3$$

$$10) \quad \boxed{} \quad -125$$

$$\quad \boxed{} \quad -77$$

$$\quad \boxed{} \quad 5$$

$$\quad \boxed{\times} \quad 125$$

11)

$$11) -3 = -3$$

$$-\frac{1}{2} = -\frac{1}{2}$$

$$-0,1 > -1$$

$$-1 = -1$$

$$\frac{1}{4} > \left(-\frac{1}{2}\right)$$

$$4 > -4$$

$$12) H \overline{IV}$$

$$K \overline{II}$$

$$L \overline{I}$$

$$M \overline{III}$$

$$N \overline{I}$$

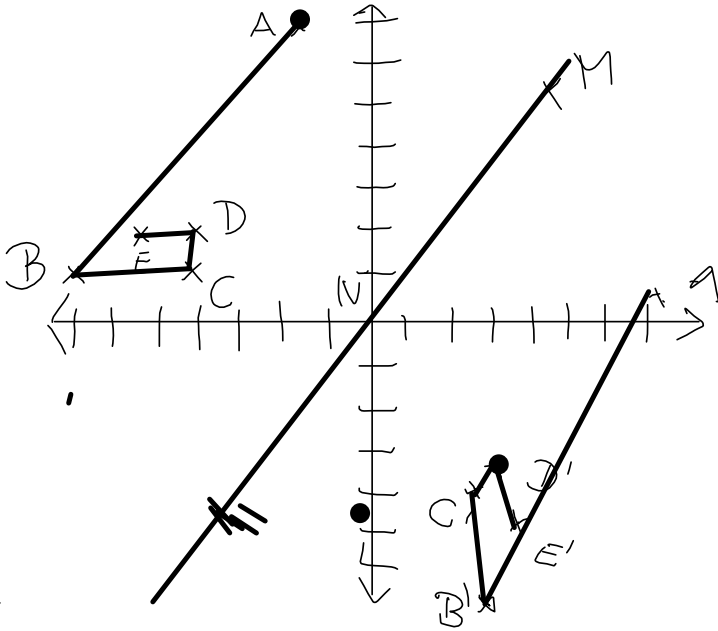
auf x-Achse

$$13) B(5|-5)$$

$$D(-5|5)$$

$$14)$$

14)



$$\checkmark 15) a) 3a + 3b - 6a = -3a + 3b$$

$$b) 6a - 2b - 8a - 9b = -2a - 11b$$

$$16) \boxed{\times} 3 + z - (4 - 2z) = 3 + z - 4 + 2z = -1 + 3z$$

$$\boxed{\times} 3 + 3z - 4 = -1 + 3z$$

$$\square 3 + z - 4 - 2z = -1 - z$$

$$\boxed{\times} 3z - 1$$

$$17) 3s^2 - (4s - 5s^2 + 2) - 6s$$

$$3s^2 - 4s + 5s^2 - 2 - 6s = \underline{8s^2 - 10s - 2}$$

$$\text{Probe: } A: 40 \quad E: 40 \checkmark$$

$$18) 0,2^2 = 0,4$$

$$x^2 = 2 \cdot x \quad \text{stimmt, wenn } x=2$$

$$5^2 = 10$$

$$19) a) 149597870700 \text{ m}$$

$$b) 1,495978707 \cdot 0,39 \cdot 10^{11}$$

$$0,58343169573 \cdot 10^{11}$$

$$5,8343169573 \cdot 10^{10} \text{ m}$$

$$20) \quad 1 \cdot \underbrace{10^{100}}$$

21) r
f
r
f
f
r
r
r