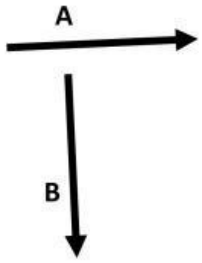
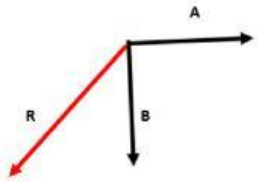
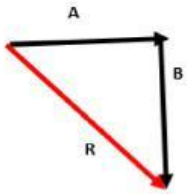
PILIHAN GANDA

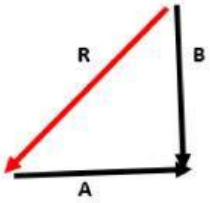
1. Resultan vektor gambar dibawah ini adalah

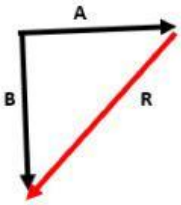
R = A + B



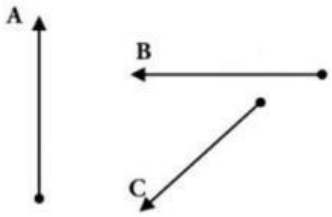


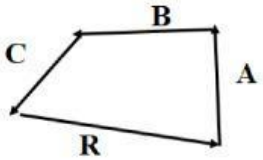


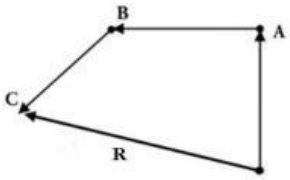


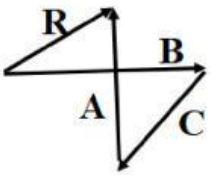


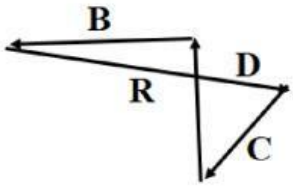
2. Resultan gambar dibawah ini adalah….









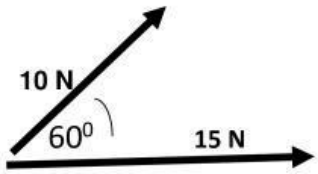


LIVEWORKSHEETS

3. Besaran berikut yang dipengaruhi arahnya adalah ....

a. massa b. waktu c. usaha d. jarak e. kecepatan

4. Dua buah gaya masing-masing 10 N dan 15 N membentuk sudut 60°. Besar resultan kedua gaya tersebut adalah . . . .



a. $5\sqrt{3}$ N

b. $5\sqrt{17}$ N

c. $5\sqrt{19}$ N

d. $5\sqrt{2}$ N

e. 20,6 N

5. Sebuah mobil bergerak dengan kecepatan 50 km/jam membentuk sudut 30° terhadap sumbu x positif. Besar komponen vektor kecepatan tersebut pada sumbu x dan sumbu y berturut-turut adalah . . . .

a. 25 km/jam dan $25\sqrt{2}$ km/jam

b. 25 km/jam dan $25\sqrt{3}$ km/jam

c. $25\sqrt{3}$ km/jam dan 25 km/jam

d. $25\sqrt{3}$ km/jam dan $25\sqrt{2}$ km/jam

e. $25\sqrt{3}$ km/jam dan $25\sqrt{3}$ km/jam

LIVEWORKSHEETS

6. **Pada perlombaan tarik tambang, kelompok A menarik ke arah timur dengan gaya 700 N. Kelompok B menarik ke barat dengan gaya 665 N. Kelompok yang memenangi perlombaan adalah kelompok . . . .**
   a. A dengan resultan gaya 25 N
   b. A dengan resultan gaya 35 N
   c. B dengan resultan gaya 25 N
   d. B dengan resultan gaya 35 N
   e. B dengan resultan gaya 45 N

Menjodohkan

1.

Besaran Vektor	**Suhu**
Besaran Turunan	**Gaya**
Besaran Pokok	**Volume**

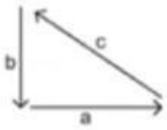
2. $V_0 = 10$ m/s

$V_x = V_0 \cos 30^o$	5
$V_x = V_0 \cos 45^o$	$5\sqrt{3}$
$V_x = V_0 \cos 60^o$	$5\sqrt{2}$

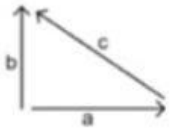
LIVEWORKSHEETS

3.

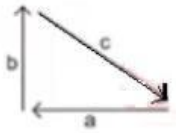
$a + c = b$



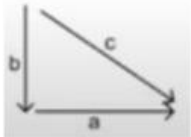
$a + c + b = 0$



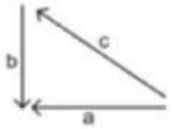
$b + a = c$



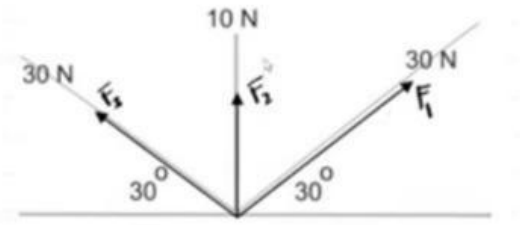
$c + b = a$



$a + b + c = 0$



4.



$R_{12} = F_1 + F_2$

$R_{13} = F_1 + F_3$

$R = F_1 + F_2 + F_3$

40 N

$10\sqrt{13}$ N

30 N

LIVEWORKSHEETS

Temukan 5 besaran turunan

R	U	K	S	S	H	D	U	U	U
U	V	O	L	U	M	E	H	S	K
A	M	J	A	H	S	G	U	A	R
K	N	K	L	U	A	S	A	H	A
U	D	A	Y	A	F	T	E	A	G
T	M	O	M	E	N	T	U	M	E
E	L	U	M	E	V	B	E	A	A
R	M	A	L	W	E	U	E	I	Y

Temukan 4 besaran vektor

K	E	C	E	P	A	T	A	N
M	E	G	E	R	T	R	D	Q
G	R	A	V	I	T	A	S	I
K	E	Y	P	T	A	C	E	R
L	T	A	M	A	F	R	H	T
M	O	M	E	N	T	U	M	E
E	T	G	N	W	E	G	N	R

LIVEWORKSHEETS