

name

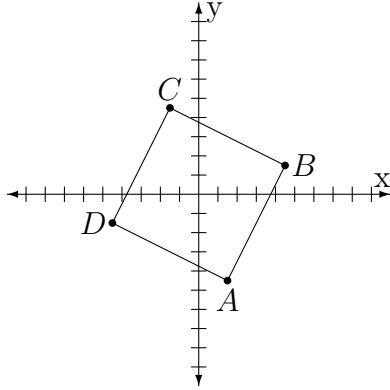
date

period

Batch 5059dc97

Coordinate Geometry

Version 1



	x	y
A	1.5	-4.5
B	4.5	1.5
C	-1.5	4.5
D	-4.5	-1.5

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

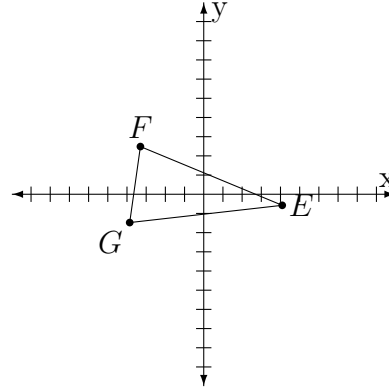
Express slopes as fractions.

- (1)
Compute slope of \overline{AB}

- (2)
Compute slope of \overline{BC}

- (3)
Compute slope of \overline{CD}

- (4)
Compute slope of \overline{AD}



	x	y
E	4.09075	-0.576555
F	-3.30028	2.48491
G	-3.85853	-1.47594

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

Distances should be rounded to 2 decimals.

- (5)
Compute distance EF

- (6)
Compute distance FG

- (7)
Compute distance EG

name

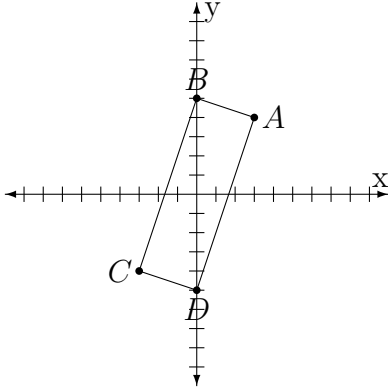
date

period

Batch 5059dc97

Coordinate Geometry

Version 2



	x	y
A	3	4
B	0	5
C	-3	-4
D	0	-5

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

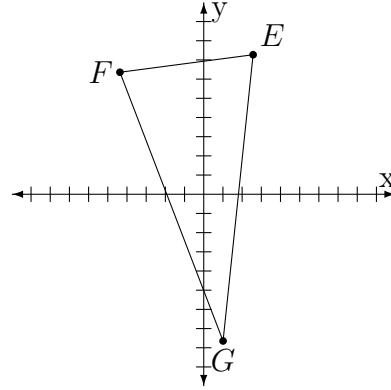
Express slopes as fractions.

(1)
Compute slope of \overline{AB}

(2)
Compute slope of \overline{BC}

(3)
Compute slope of \overline{CD}

(4)
Compute slope of \overline{AD}



	x	y
E	2.57294	7.27109
F	-4.36717	6.35741
G	1.00674	-7.64692

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

Distances should be rounded to 2 decimals.

(5)
Compute distance EF

(6)
Compute distance FG

(7)
Compute distance EG

name

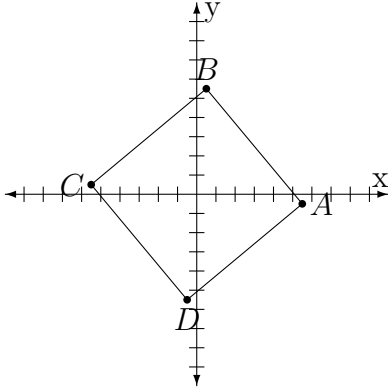
date

period

Batch 5059dc97

Coordinate Geometry

Version 3



	x	y
A	5.5	-0.5
B	0.5	5.5
C	-5.5	0.5
D	-0.5	-5.5

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

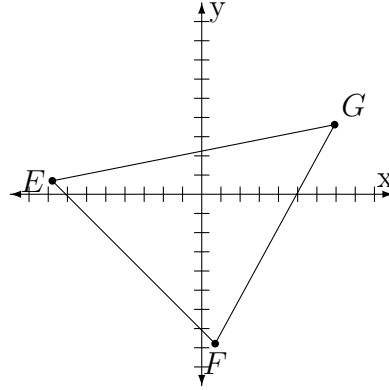
Express slopes as fractions.

(1)
Compute slope of \overline{AB}

(2)
Compute slope of \overline{BC}

(3)
Compute slope of \overline{CD}

(4)
Compute slope of \overline{AD}



	x	y
E	-7.78606	0.699224
F	0.699224	-7.78606
G	6.92567	3.62584

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

Distances should be rounded to 2 decimals.

(5)
Compute distance EF

(6)
Compute distance FG

(7)
Compute distance EG

name

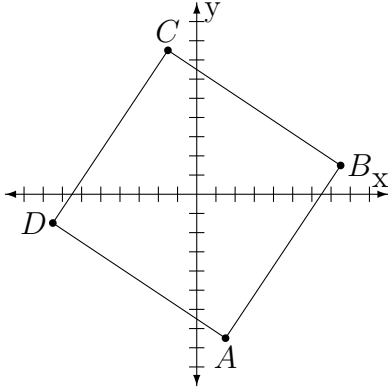
date

period

Batch 5059dc97

Coordinate Geometry

Version 4



	x	y
A	1.5	-7.5
B	7.5	1.5
C	-1.5	7.5
D	-7.5	-1.5

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

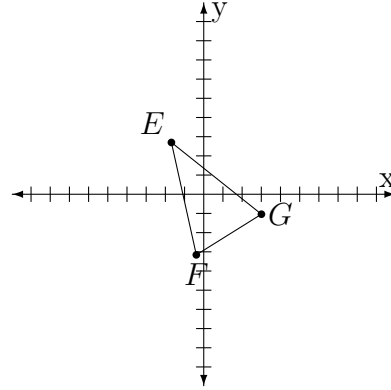
Express slopes as fractions.

(1)
Compute slope of \overline{AB}

(2)
Compute slope of \overline{BC}

(3)
Compute slope of \overline{CD}

(4)
Compute slope of \overline{AD}



	x	y
E	-1.68484	2.69932
F	-0.386199	-3.15846
G	3.00706	-1.04048

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

Distances should be rounded to 2 decimals.

(5)
Compute distance EF

(6)
Compute distance FG

(7)
Compute distance EG

name

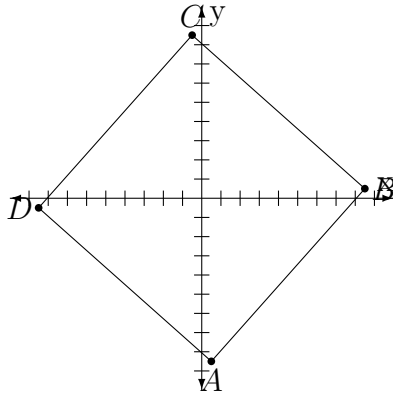
date

period

Batch 5059dc97

Coordinate Geometry

Version 5



	x	y
A	0.5	-8.5
B	8.5	0.5
C	-0.5	8.5
D	-8.5	-0.5

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

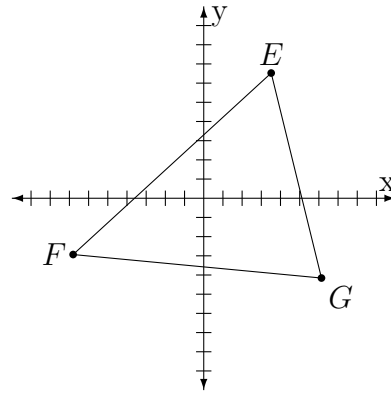
Express slopes as fractions.

- (1)
Compute slope of \overline{AB}

- (2)
Compute slope of \overline{BC}

- (3)
Compute slope of \overline{CD}

- (4)
Compute slope of \overline{AD}



	x	y
E	3.51518	6.52516
F	-6.8067	-2.9331
G	6.13544	-4.1582

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

Distances should be rounded to 2 decimals.

- (5)
Compute distance EF

- (6)
Compute distance FG

- (7)
Compute distance EG

name

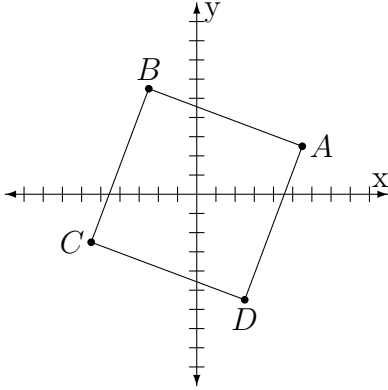
date

period

Batch 5059dc97

Coordinate Geometry

Version 6



	x	y
A	5.5	2.5
B	-2.5	5.5
C	-5.5	-2.5
D	2.5	-5.5

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

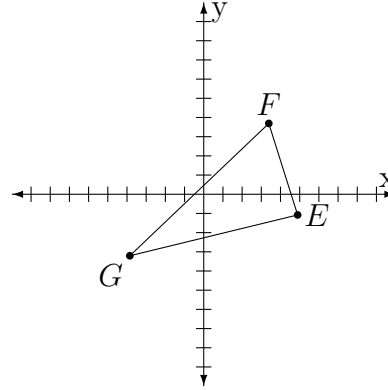
Express slopes as fractions.

- (1)
Compute slope of \overline{AB}

- (2)
Compute slope of \overline{BC}

- (3)
Compute slope of \overline{CD}

- (4)
Compute slope of \overline{AD}



	x	y
E	4.89375	-1.07833
F	3.39022	3.69026
G	-3.85103	-3.20643

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

Distances should be rounded to 2 decimals.

- (5)
Compute distance EF

- (6)
Compute distance FG

- (7)
Compute distance EG

name

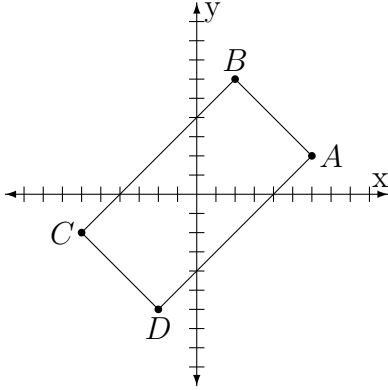
date

period

Batch 5059dc97

Coordinate Geometry

Version 7



	x	y
A	6	2
B	2	6
C	-6	-2
D	-2	-6

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

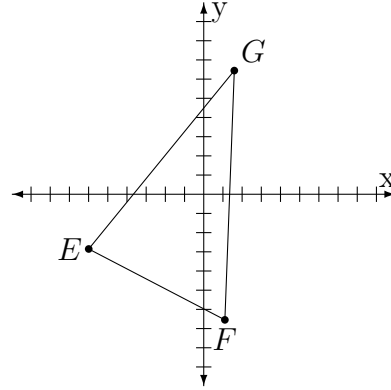
Express slopes as fractions.

(1)
Compute slope of \overline{AB}

(2)
Compute slope of \overline{BC}

(3)
Compute slope of \overline{CD}

(4)
Compute slope of \overline{AD}



	x	y
E	-5.99436	-2.85234
F	1.10172	-6.54633
G	1.5932	6.44438

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

Distances should be rounded to 2 decimals.

(5)
Compute distance EF

(6)
Compute distance FG

(7)
Compute distance EG

name

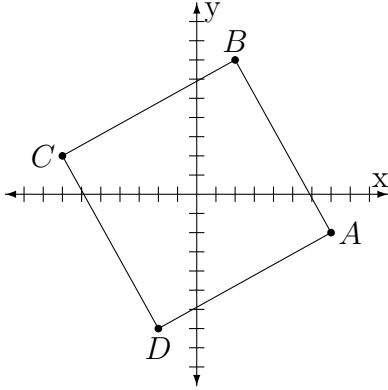
date

period

Batch 5059dc97

Coordinate Geometry

Version 8



	x	y
A	7	-2
B	2	7
C	-7	2
D	-2	-7

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

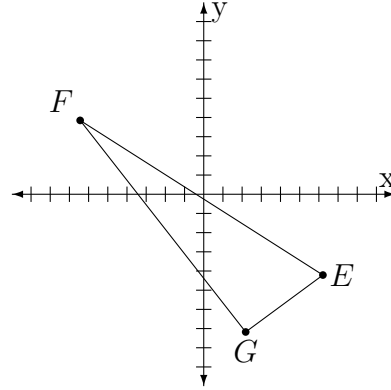
Express slopes as fractions.

(1)
Compute slope of \overline{AB}

(2)
Compute slope of \overline{BC}

(3)
Compute slope of \overline{CD}

(4)
Compute slope of \overline{AD}



	x	y
E	6.21025	-4.21055
F	-6.44062	3.84895
G	2.18577	-7.17763

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

Distances should be rounded to 2 decimals.

(5)
Compute distance EF

(6)
Compute distance FG

(7)
Compute distance EG

name

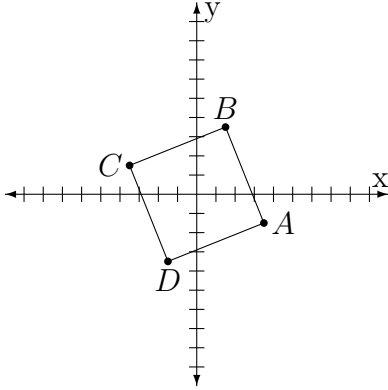
date

period

Batch 5059dc97

Coordinate Geometry

Version 9



	x	y
A	3.5	-1.5
B	1.5	3.5
C	-3.5	1.5
D	-1.5	-3.5

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

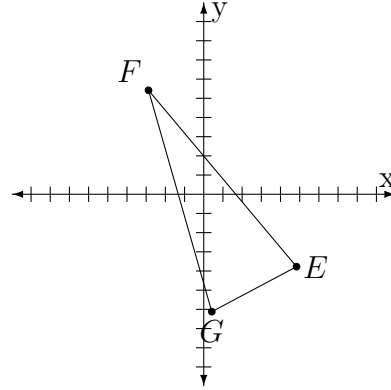
Express slopes as fractions.

- (1)
Compute slope of \overline{AB}

- (2)
Compute slope of \overline{BC}

- (3)
Compute slope of \overline{CD}

- (4)
Compute slope of \overline{AD}



	x	y
E	4.83576	-3.77476
F	-2.87769	5.41778
G	0.420014	-6.12021

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

Distances should be rounded to 2 decimals.

- (5)
Compute distance EF

- (6)
Compute distance FG

- (7)
Compute distance EG

name

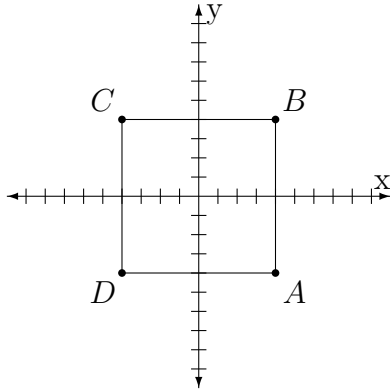
date

period

Batch 5059dc97

Coordinate Geometry

Version 10



	x	y
A	4	-4
B	4	4
C	-4	4
D	-4	-4

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

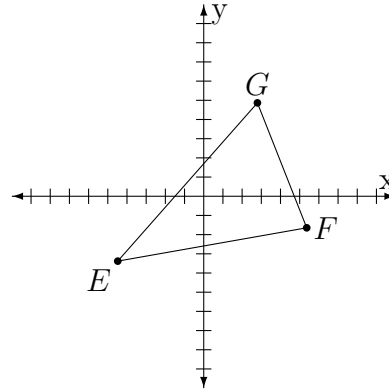
Express slopes as fractions.

(1)
Compute slope of \overline{AB}

(2)
Compute slope of \overline{BC}

(3)
Compute slope of \overline{CD}

(4)
Compute slope of \overline{AD}



	x	y
E	-4.48097	-3.38103
F	5.36711	-1.64455
G	2.7974	4.86672

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

Distances should be rounded to 2 decimals.

(5)
Compute distance EF

(6)
Compute distance FG

(7)
Compute distance EG

name

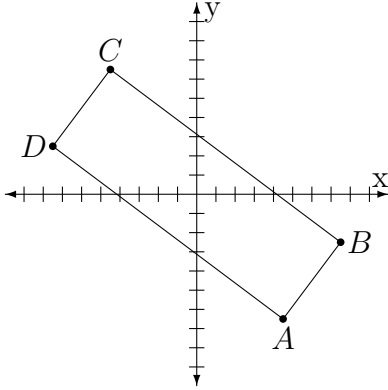
date

period

Batch 5059dc97

Coordinate Geometry

Version 11



	x	y
A	4.5	-6.5
B	7.5	-2.5
C	-4.5	6.5
D	-7.5	2.5

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

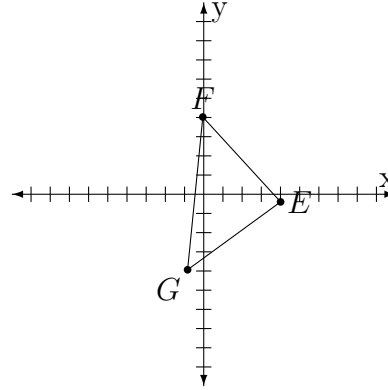
Express slopes as fractions.

- (1)
Compute slope of \overline{AB}

- (2)
Compute slope of \overline{BC}

- (3)
Compute slope of \overline{CD}

- (4)
Compute slope of \overline{AD}



	x	y
E	4.00509	-0.399033
F	-0.0484479	4.02463
G	-0.841573	-3.93596

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

Distances should be rounded to 2 decimals.

- (5)
Compute distance EF

- (6)
Compute distance FG

- (7)
Compute distance EG

name

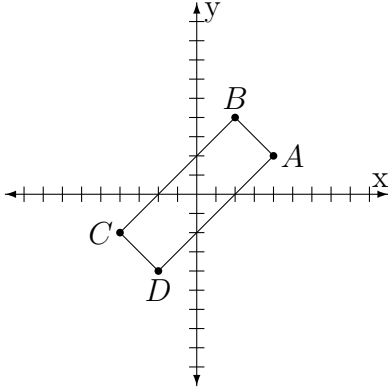
date

period

Batch 5059dc97

Coordinate Geometry

Version 12



	x	y
A	4	2
B	2	4
C	-4	-2
D	-2	-4

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

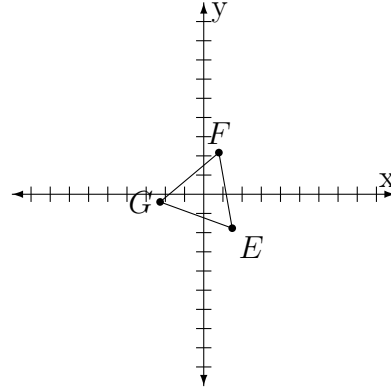
Express slopes as fractions.

(1)
Compute slope of \overline{AB}

(2)
Compute slope of \overline{BC}

(3)
Compute slope of \overline{CD}

(4)
Compute slope of \overline{AD}



	x	y
E	1.48445	-1.7691
F	0.789862	2.17013
G	-2.27432	-0.401023

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

Distances should be rounded to 2 decimals.

(5)
Compute distance EF

(6)
Compute distance FG

(7)
Compute distance EG

name

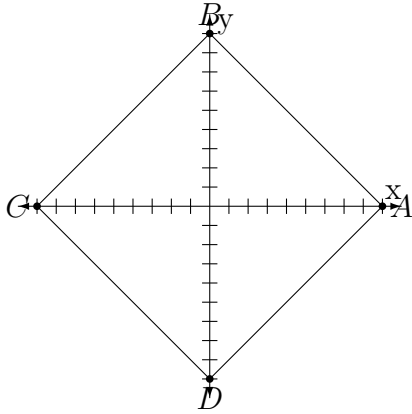
date

period

Batch 5059dc97

Coordinate Geometry

Version 13



	x	y
A	9	0
B	0	9
C	-9	0
D	0	-9

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

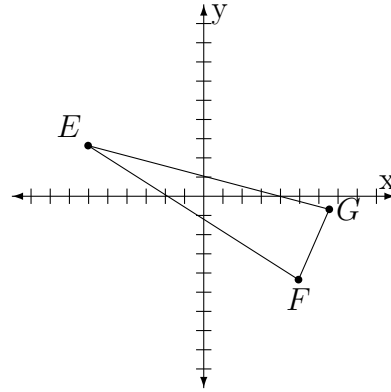
Express slopes as fractions.

- (1)
Compute slope of \overline{AB}

- (2)
Compute slope of \overline{BC}

- (3)
Compute slope of \overline{CD}

- (4)
Compute slope of \overline{AD}



	x	y
E	-6.02582	2.63889
F	4.93827	-4.346
G	6.54287	-0.681952

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

Distances should be rounded to 2 decimals.

- (5)
Compute distance EF

- (6)
Compute distance FG

- (7)
Compute distance EG

name

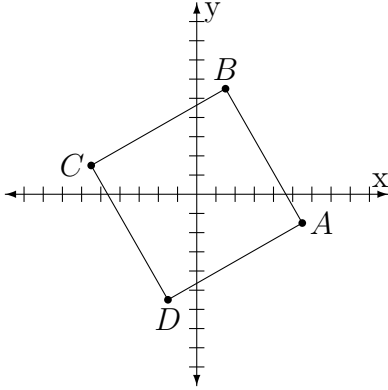
date

period

Batch 5059dc97

Coordinate Geometry

Version 14



	x	y
A	5.5	-1.5
B	1.5	5.5
C	-5.5	1.5
D	-1.5	-5.5

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

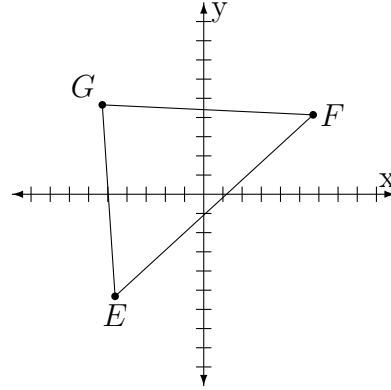
Express slopes as fractions.

(1)
Compute slope of \overline{AB}

(2)
Compute slope of \overline{BC}

(3)
Compute slope of \overline{CD}

(4)
Compute slope of \overline{AD}



	x	y
E	-4.62004	-5.31943
F	5.70185	4.13884
G	-5.28588	4.65838

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

Distances should be rounded to 2 decimals.

(5)
Compute distance EF

(6)
Compute distance FG

(7)
Compute distance EG

name

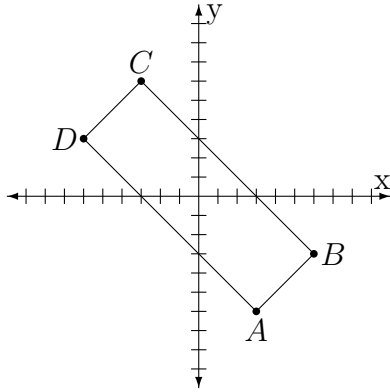
date

period

Batch 5059dc97

Coordinate Geometry

Version 15



	x	y
A	3	-6
B	6	-3
C	-3	6
D	-6	3

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

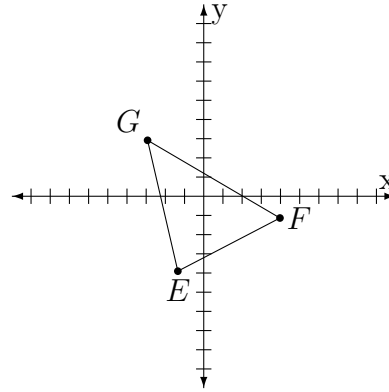
Express slopes as fractions.

(1)
Compute slope of \overline{AB}

(2)
Compute slope of \overline{BC}

(3)
Compute slope of \overline{CD}

(4)
Compute slope of \overline{AD}



	x	y
E	-1.34958	-3.90452
F	3.97249	-1.13403
G	-2.92691	2.91545

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

Distances should be rounded to 2 decimals.

(5)
Compute distance EF

(6)
Compute distance FG

(7)
Compute distance EG

name

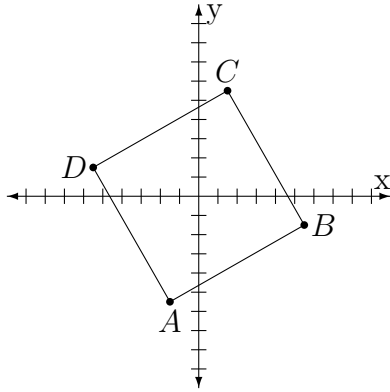
date

period

Batch 5059dc97

Coordinate Geometry

Version 16



	x	y
A	-1.5	-5.5
B	5.5	-1.5
C	1.5	5.5
D	-5.5	1.5

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

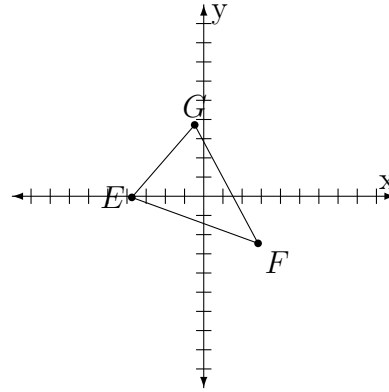
Express slopes as fractions.

- (1)
Compute slope of \overline{AB}

- (2)
Compute slope of \overline{BC}

- (3)
Compute slope of \overline{CD}

- (4)
Compute slope of \overline{AD}



	x	y
E	-3.74664	-0.0604811
F	2.83121	-2.45462
G	-0.471294	3.71737

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

Distances should be rounded to 2 decimals.

- (5)
Compute distance EF

- (6)
Compute distance FG

- (7)
Compute distance EG

name

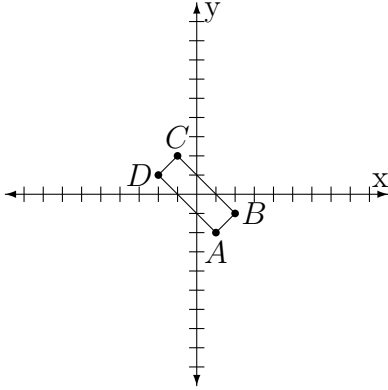
date

period

Batch 5059dc97

Coordinate Geometry

Version 17



	x	y
A	1	-2
B	2	-1
C	-1	2
D	-2	1

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

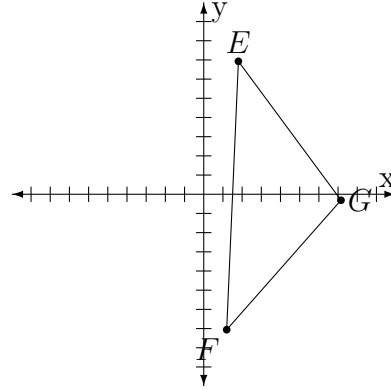
Express slopes as fractions.

(1)
Compute slope of \overline{AB}

(2)
Compute slope of \overline{BC}

(3)
Compute slope of \overline{CD}

(4)
Compute slope of \overline{AD}



	x	y
E	1.80651	6.92779
F	1.19584	-7.05888
G	7.15264	-0.312291

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

Distances should be rounded to 2 decimals.

(5)
Compute distance EF

(6)
Compute distance FG

(7)
Compute distance EG

name

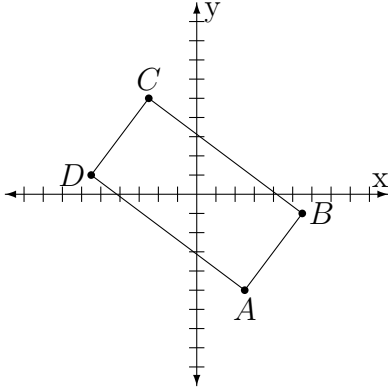
date

period

Batch 5059dc97

Coordinate Geometry

Version 18



	x	y
A	2.5	-5
B	5.5	-1
C	-2.5	5
D	-5.5	1

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

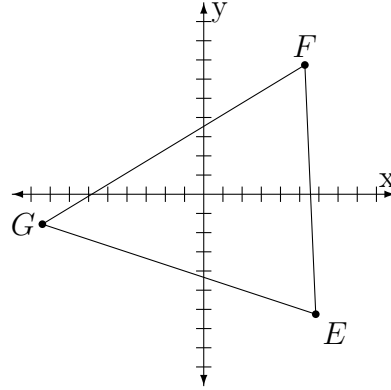
Express slopes as fractions.

(1)
Compute slope of \overline{AB}

(2)
Compute slope of \overline{BC}

(3)
Compute slope of \overline{CD}

(4)
Compute slope of \overline{AD}



	x	y
E	5.83793	-6.2513
F	5.27087	6.73632
G	-8.40979	-1.56062

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

Distances should be rounded to 2 decimals.

(5)
Compute distance EF

(6)
Compute distance FG

(7)
Compute distance EG

name

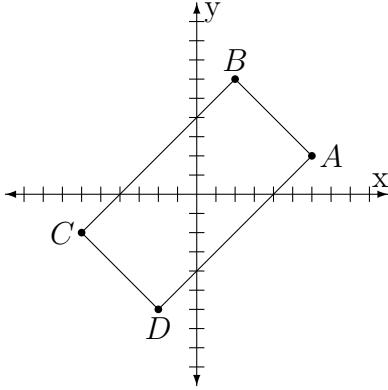
date

period

Batch 5059dc97

Coordinate Geometry

Version 19



	x	y
A	6	2
B	2	6
C	-6	-2
D	-2	-6

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

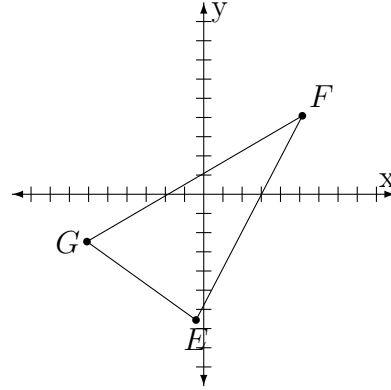
Express slopes as fractions.

(1)
Compute slope of \overline{AB}

(2)
Compute slope of \overline{BC}

(3)
Compute slope of \overline{CD}

(4)
Compute slope of \overline{AD}



	x	y
E	-0.401955	-6.55505
F	5.13903	4.08908
G	-6.0856	-2.46895

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

Distances should be rounded to 2 decimals.

(5)
Compute distance EF

(6)
Compute distance FG

(7)
Compute distance EG

name

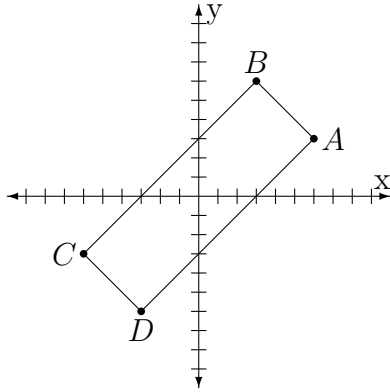
date

period

Batch 5059dc97

Coordinate Geometry

Version 20



	x	y
A	6	3
B	3	6
C	-6	-3
D	-3	-6

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

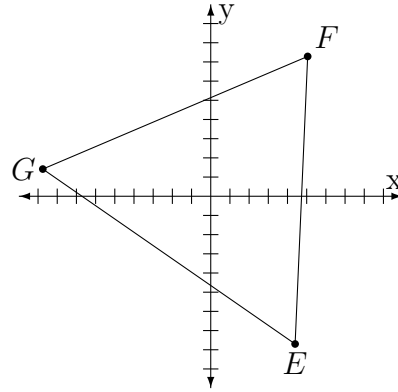
Express slopes as fractions.

(1)
Compute slope of \overline{AB}

(2)
Compute slope of \overline{BC}

(3)
Compute slope of \overline{CD}

(4)
Compute slope of \overline{AD}



	x	y
E	4.39702	-7.69912
F	5.05131	7.2866
G	-8.75237	1.41645

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

Distances should be rounded to 2 decimals.

(5)
Compute distance EF

(6)
Compute distance FG

(7)
Compute distance EG

name

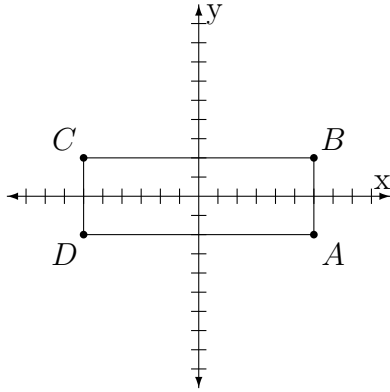
date

period

Batch 5059dc97

Coordinate Geometry

Version 21



	x	y
A	6	-2
B	6	2
C	-6	2
D	-6	-2

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

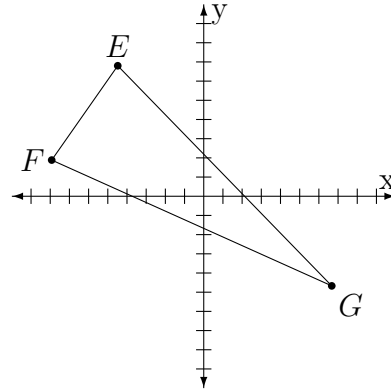
Express slopes as fractions.

(1)
Compute slope of \overline{AB}

(2)
Compute slope of \overline{BC}

(3)
Compute slope of \overline{CD}

(4)
Compute slope of \overline{AD}



	x	y
E	-4.48172	6.80046
F	-7.92318	1.88554
G	6.67154	-4.67146

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

Distances should be rounded to 2 decimals.

(5)
Compute distance EF

(6)
Compute distance FG

(7)
Compute distance EG

name

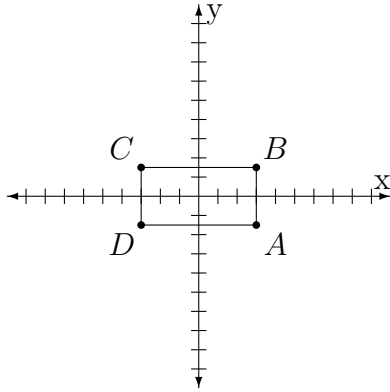
date

period

Batch 5059dc97

Coordinate Geometry

Version 22



	x	y
A	3	-1.5
B	3	1.5
C	-3	1.5
D	-3	-1.5

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

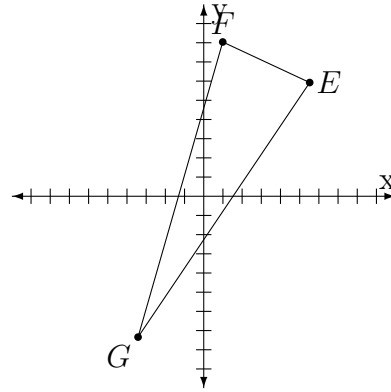
Express slopes as fractions.

(1)
Compute slope of \overline{AB}

(2)
Compute slope of \overline{BC}

(3)
Compute slope of \overline{CD}

(4)
Compute slope of \overline{AD}



	x	y
E	5.52162	5.92565
F	0.990081	8.03874
G	-3.42299	-7.34062

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

Distances should be rounded to 2 decimals.

(5)
Compute distance EF

(6)
Compute distance FG

(7)
Compute distance EG

name

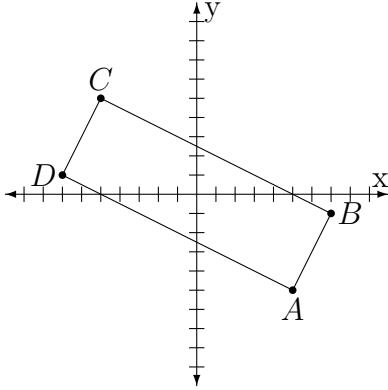
date

period

Batch 5059dc97

Coordinate Geometry

Version 23



	x	y
A	5	-5
B	7	-1
C	-5	5
D	-7	1

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

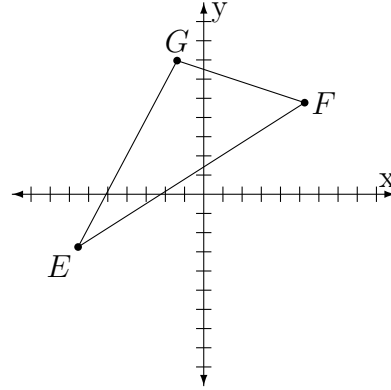
Express slopes as fractions.

(1)
Compute slope of \overline{AB}

(2)
Compute slope of \overline{BC}

(3)
Compute slope of \overline{CD}

(4)
Compute slope of \overline{AD}



	x	y
E	-6.54798	-2.74985
F	5.2595	4.77235
G	-1.38824	6.96494

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

Distances should be rounded to 2 decimals.

(5)
Compute distance EF

(6)
Compute distance FG

(7)
Compute distance EG

name

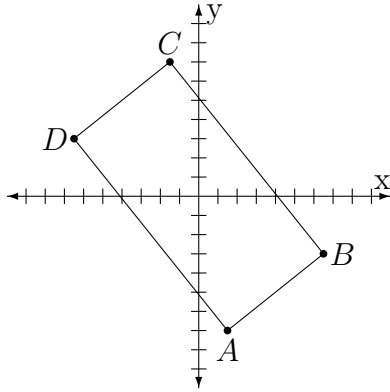
date

period

Batch 5059dc97

Coordinate Geometry

Version 24



	x	y
A	1.5	-7
B	6.5	-3
C	-1.5	7
D	-6.5	3

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

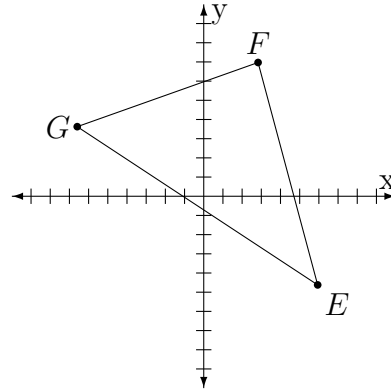
Express slopes as fractions.

- (1)
Compute slope of \overline{AB}

- (2)
Compute slope of \overline{BC}

- (3)
Compute slope of \overline{CD}

- (4)
Compute slope of \overline{AD}



	x	y
E	5.93749	-4.62071
F	2.83166	6.9704
G	-6.59238	3.62564

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

Distances should be rounded to 2 decimals.

- (5)
Compute distance EF

- (6)
Compute distance FG

- (7)
Compute distance EG

name

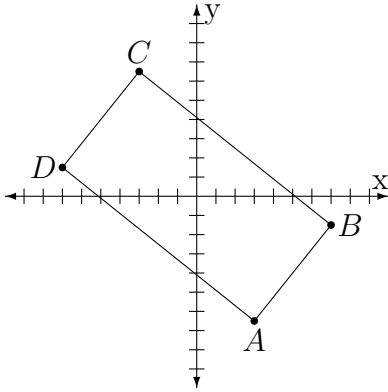
date

period

Batch 5059dc97

Coordinate Geometry

Version 25



	x	y
A	3	-6.5
B	7	-1.5
C	-3	6.5
D	-7	1.5

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

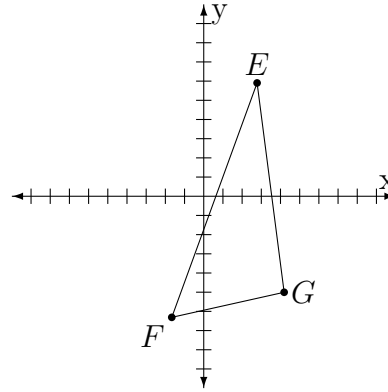
Express slopes as fractions.

(1)
Compute slope of \overline{AB}

(2)
Compute slope of \overline{BC}

(3)
Compute slope of \overline{CD}

(4)
Compute slope of \overline{AD}



	x	y
E	2.78071	5.90506
F	-1.66555	-6.31095
G	4.19043	-5.00424

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

Distances should be rounded to 2 decimals.

(5)
Compute distance EF

(6)
Compute distance FG

(7)
Compute distance EG

Version 1

(1) 2	(5) 8
(2) -1/2	(6) 4
(3) 2	(7) 8
(4) -1/2	

Version 2

(1) -1/3	(5) 7
(2) 3	(6) 15
(3) -1/3	(7) 15
(4) 3	

Version 3

(1) -6/5	(5) 12
(2) 5/6	(6) 13
(3) -6/5	(7) 15
(4) 5/6	

Version 4

(1) 3/2	(5) 6
(2) -2/3	(6) 4
(3) 3/2	(7) 6
(4) -2/3	

Version 5

(1) 9/8	(5) 14
(2) -8/9	(6) 13
(3) 9/8	(7) 11
(4) -8/9	

Version 6

(1) -3/8	(5) 5
(2) 8/3	(6) 10
(3) -3/8	(7) 9
(4) 8/3	

Version 7

(1) -1	(5) 8
(2) 1	(6) 13
(3) -1	(7) 12
(4) 1	

Version 8

(1) -9/5	(5) 15
(2) 5/9	(6) 14
(3) -9/5	(7) 5
(4) 5/9	

Version 9

(1) -5/2	(5) 12
(2) 2/5	(6) 12
(3) -5/2	(7) 5
(4) 2/5	

Version 10

(1) ∞	(5) 10
(2) 0	(6) 7
(3) ∞	(7) 11
(4) 0	

Version 11

(1) 4/3	(5) 6
(2) -3/4	(6) 8
(3) 4/3	(7) 6
(4) -3/4	

Version 12

(1) -1	(5) 4
(2) 1	(6) 4
(3) -1	(7) 4
(4) 1	

Version 13

(1) -1	(5) 13
(2) 1	(6) 4
(3) -1	(7) 13
(4) 1	

Version 14

(1) -7/4	(5) 14
(2) 4/7	(6) 11
(3) -7/4	(7) 10
(4) 4/7	

Version 15

(1) 1	(5) 6
(2) -1	(6) 8
(3) 1	(7) 7
(4) -1	

Version 16

(1) 4/7	(5) 7
(2) -7/4	(6) 7
(3) 4/7	(7) 5
(4) -7/4	

Version 17

(1) 1	(5) 14
(2) -1	(6) 9
(3) 1	(7) 9
(4) -1	

Version 18

(1) 4/3	(5) 13
(2) -3/4	(6) 16
(3) 4/3	(7) 15
(4) -3/4	

Version 19

(1) -1	(5) 12
(2) 1	(6) 13
(3) -1	(7) 7
(4) 1	

Version 20

(1) -1	(5) 15
(2) 1	(6) 15
(3) -1	(7) 16
(4) 1	

Version 21

(1) ∞	(5) 6
(2) 0	(6) 16
(3) ∞	(7) 16
(4) 0	

Version 22

(1) ∞	(5) 5
(2) 0	(6) 16
(3) ∞	(7) 16
(4) 0	

Version 23

(1) 2	(5) 14
(2) -1/2	(6) 7
(3) 2	(7) 11
(4) -1/2	

Version 24

(1) 4/5	(5) 12
(2) -5/4	(6) 10
(3) 4/5	(7) 15
(4) -5/4	

Version 25

(1) 5/4	(5) 13
(2) -4/5	(6) 6
(3) 5/4	(7) 11
(4) -4/5	