Partner Ordering Activity

Directions: Convert each value to a decimal in the STACK. Order the values as directed.
Write the matching letters in My Code. Compare with your partner and record their code.

PARTNER A

Name: _____

ROUND 1 — **Order: ASCENDING**

A.	3.45
B.	5/2
C.	π
D.	√12
E.	3.2

STACK / DECIMALS

- _____
- _____
- _____
- _____
- _____

My Code: ___ ___ ___ ___ ___

Partner Code: ___ ___ ___ ___ ___

ROUND 2 — **Order: DESCENDING**

A.	-2.3
B.	-220%
C.	-√5
D.	-12/5
E.	-221%

STACK / DECIMALS

- _____
- _____
- _____
- _____
- _____

My Code: ___ ___ ___ ___ ___

Partner Code: ___ ___ ___ ___ ___

ROUND 3 — **Order: ASCENDING**

A.	6.8%
B.	9/125
C.	0.07
D.	7.1×10^{-2}
E.	7.05%

STACK / DECIMALS

- _____
- _____
- _____
- _____
- _____

My Code: ___ ___ ___ ___ ___

Partner Code: ___ ___ ___ ___ ___

ROUND 4 — **Order: DESCENDING**

A.	1.72
B.	7/4
C.	√3
D.	174%
E.	1.705

STACK / DECIMALS

- _____
- _____
- _____
- _____
- _____

My Code: ___ ___ ___ ___ ___

Partner Code: ___ ___ ___ ___ ___

ROUND 5 — **Order: ASCENDING**

A.	√2
B.	141%
C.	7/5
D.	1.405
E.	1.42

STACK / DECIMALS

- _____
- _____
- _____
- _____
- _____

My Code: ___ ___ ___ ___ ___

Partner Code: ___ ___ ___ ___ ___

Partner Ordering Activity

Directions: Convert each value to a decimal in the STACK. Order the values as directed.
Write the matching letters in My Code. Compare with your partner and record their code.

PARTNER B

Name: _____

ROUND 1

Order: ASCENDING

A.	4.4
B.	17/4
C.	√19
D.	445%
E.	439%

STACK / DECIMALS

- _____
- _____
- _____
- _____
- _____

My Code:

___ ___ ___ ___ ___

Partner Code:

___ ___ ___ ___ ___

ROUND 2

Order: DESCENDING

A.	-7.05
B.	-690%
C.	-7
D.	-√50
E.	-6.95

STACK / DECIMALS

- _____
- _____
- _____
- _____
- _____

My Code:

___ ___ ___ ___ ___

Partner Code:

___ ___ ___ ___ ___

ROUND 3

Order: ASCENDING

A.	3.13
B.	√10
C.	π
D.	315%
E.	3.145

STACK / DECIMALS

- _____
- _____
- _____
- _____
- _____

My Code:

___ ___ ___ ___ ___

Partner Code:

___ ___ ___ ___ ___

ROUND 4

Order: DESCENDING

A.	0.48
B.	1/2
C.	√0.24
D.	4.9×10^{-1}
E.	47%

STACK / DECIMALS

- _____
- _____
- _____
- _____
- _____

My Code:

___ ___ ___ ___ ___

Partner Code:

___ ___ ___ ___ ___

ROUND 5

Order: ASCENDING

A.	-1.062
B.	-106%
C.	-√1.12
D.	-21/20
E.	-1.07

STACK / DECIMALS

- _____
- _____
- _____
- _____
- _____

My Code:

___ ___ ___ ___ ___

Partner Code:

___ ___ ___ ___ ___

Partner Ordering Activity - Answer Key

PARTNER A

Decimal approximations shown where needed; compare unrounded values to break close calls.

ROUND 1 • ASCENDING — **CODE: B C E A D**

A. 3.45 = 3.45

B. 5/2 = 2.5

C. π ≈ 3.14159

D. √12 ≈ 3.4641

E. 3.2 = 3.2

Order: B, C, E, A, D

ROUND 2 • DESCENDING — **CODE: B E C A D**

A. -2.3 = -2.3

B. -220% = -2.2

C. -√5 ≈ -2.23607

D. -12/5 = -2.4

E. -221% = -2.21

Order: B, E, C, A, D

ROUND 3 • ASCENDING — **CODE: A C E D B**

A. 6.8% = 0.068

B. 9/125 = 0.072

C. 0.07 = 0.07

D. $7.1 \times 10^{-2} = 0.071$

E. 7.05% = 0.0705

Order: A, C, E, D, B

ROUND 4 • DESCENDING — **CODE: B D C A E**

A. 1.72 = 1.72

B. 7/4 = 1.75

C. √3 ≈ 1.73205

D. 174% = 1.74

E. 1.705 = 1.705

Order: B, D, C, A, E

ROUND 5 • ASCENDING — **CODE: C D B A E**

A. √2 ≈ 1.41421

B. 141% = 1.41

C. 7/5 = 1.4

D. 1.405 = 1.405

E. 1.42 = 1.42

Order: C, D, B, A, E

Partner Ordering Activity - Answer Key

PARTNER B

Decimal approximations shown where needed; compare unrounded values to break close calls.

ROUND 1 • ASCENDING — **CODE: B C E A D**

A. 4.4 = 4.4

B. 17/4 = 4.25

C. √19 ≈ 4.3589

D. 445% = 4.45

E. 439% = 4.39

Order: B, C, E, A, D

ROUND 2 • DESCENDING — **CODE: B E C A D**

A. -7.05 = -7.05

B. -690% = -6.9

C. -7 = -7

D. -√50 ≈ -7.07107

E. -6.95 = -6.95

Order: B, E, C, A, D

ROUND 3 • ASCENDING — **CODE: A C E D B**

A. 3.13 = 3.13

B. √10 ≈ 3.16228

C. π ≈ 3.14159

D. 315% = 3.15

E. 3.145 = 3.145

Order: A, C, E, D, B

ROUND 4 • DESCENDING — **CODE: B D C A E**

A. 0.48 = 0.48

B. 1/2 = 0.5

C. √0.24 ≈ 0.4899

D. $4.9 \times 10^{-1} = 0.49$

E. 47% = 0.47

Order: B, D, C, A, E

ROUND 5 • ASCENDING — **CODE: E A B C D**

A. -1.062 = -1.062

B. -106% = -1.06

C. -√1.12 ≈ -1.0583

D. -21/20 = -1.05

E. -1.07 = -1.07

Order: E, A, B, C, D