

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	STACK / DECIMALS	My Code:
A. 3.45 B. $\frac{5}{2}$ C. π D. $\sqrt{12}$ E. 3.2		• _____ • _____ • _____ • _____ • _____	_____
			Partner Code:

ROUND 2	Order: DESCENDING	STACK / DECIMALS	My Code:
A. -2.3 B. -220% C. $-\sqrt{5}$ D. $-\frac{12}{5}$ E. -221%		• _____ • _____ • _____ • _____ • _____	_____
			Partner Code:

ROUND 3	Order: ASCENDING	STACK / DECIMALS	My Code:
A. 6.8% B. $\frac{9}{125}$ C. 0.07 D. 7.1×10^{-2} E. 7.05%		• _____ • _____ • _____ • _____ • _____	_____
			Partner Code:

ROUND 4	Order: DESCENDING	STACK / DECIMALS	My Code:
A. 1.72 B. $\frac{7}{4}$ C. $\sqrt{3}$ D. 174% E. 1.705		• _____ • _____ • _____ • _____ • _____	_____
			Partner Code:

ROUND 5	Order: ASCENDING	STACK / DECIMALS	My Code:
A. $\sqrt{2}$ B. 141% C. $\frac{7}{5}$ D. 1.405 E. 1.42		• _____ • _____ • _____ • _____ • _____	_____
			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	STACK / DECIMALS	My Code:	Partner Code:
A. 4.4		• _____	_____	_____
B. $17/4$		• _____	_____	_____
C. $\sqrt{19}$		• _____	_____	_____
D. 445%		• _____	_____	_____
E. 439%		• _____	_____	_____

ROUND 2	Order: DESCENDING	STACK / DECIMALS	My Code:	Partner Code:
A. -7.05		• _____	_____	_____
B. -690%		• _____	_____	_____
C. -7		• _____	_____	_____
D. $-\sqrt{50}$		• _____	_____	_____
E. -6.95		• _____	_____	_____

ROUND 3	Order: ASCENDING	STACK / DECIMALS	My Code:	Partner Code:
A. 3.13		• _____	_____	_____
B. $\sqrt{10}$		• _____	_____	_____
C. π		• _____	_____	_____
D. 315%		• _____	_____	_____
E. 3.145		• _____	_____	_____

ROUND 4	Order: DESCENDING	STACK / DECIMALS	My Code:	Partner Code:
A. 0.48		• _____	_____	_____
B. $1/2$		• _____	_____	_____
C. $\sqrt{0.24}$		• _____	_____	_____
D. 4.9×10^{-1}		• _____	_____	_____
E. 47%		• _____	_____	_____

ROUND 5	Order: ASCENDING	STACK / DECIMALS	My Code:	Partner Code:
A. -1.062		• _____	_____	_____
B. -106%		• _____	_____	_____
C. $-\sqrt{1.12}$		• _____	_____	_____
D. $-21/20$		• _____	_____	_____
E. -1.07		• _____	_____	_____

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. $\pi = 3.14159$

D. $\sqrt{12} = 3.4641$

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. $-\sqrt{5} = -2.23607$

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. $\sqrt{3} = 1.73205$

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. $\sqrt{2} = 1.41421$

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. $\sqrt{19} = 4.3589$

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. $-\sqrt{50} = -7.07107$

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. $\sqrt{10} = 3.16228$

C. $\pi = 3.14159$

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. $\sqrt{0.24} = 0.4899$

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. $-\sqrt{1.12} = -1.0583$

D. $-21/20 = -1.05$

E. $-1.07 = -1.07$

Order: E, A, B, C, D