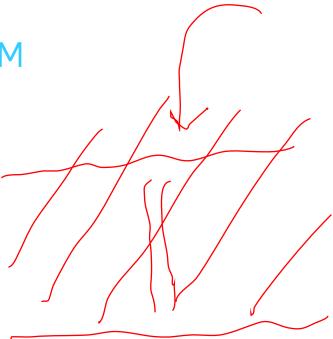
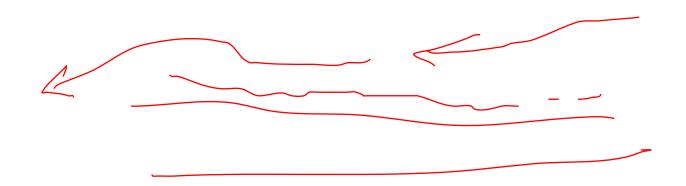
BUILDING DESIGN & CONSTRUCTION SYSTEMS - MINI-MOCK EXAM

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- 1. Which of the following is NOT true regarding bentonite waterproofing?
- A. It is made with volcanic clays
- B. It swells to a watertight barrier
- C. It can be installed on top of a mudslab in a crawl space
- D. It can be installed in a hydrostatic condition





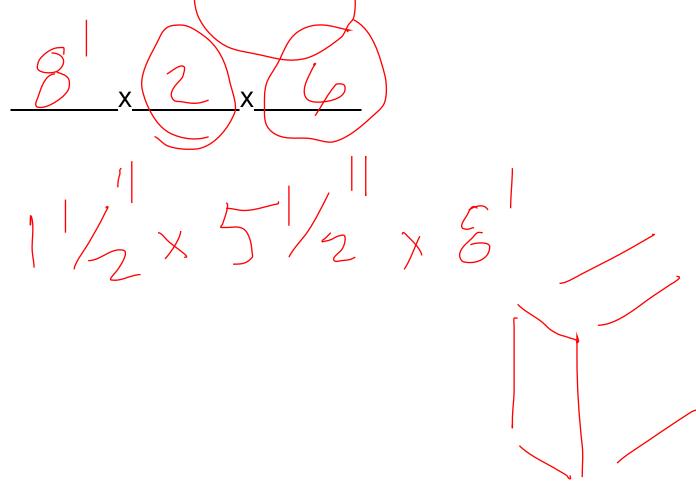
A R E LIVE

BUILDING DESIGN & CONSTRUCTION SYSTEMS - MINI-MOCK EXAM What is the nominal dimension of a CMU block?

BUILDING DESIGN & CONSTRUCTION SYSTEMS - MINI-MOCK EXAM

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3. What is the nominal dimension of an 8' 2x6?



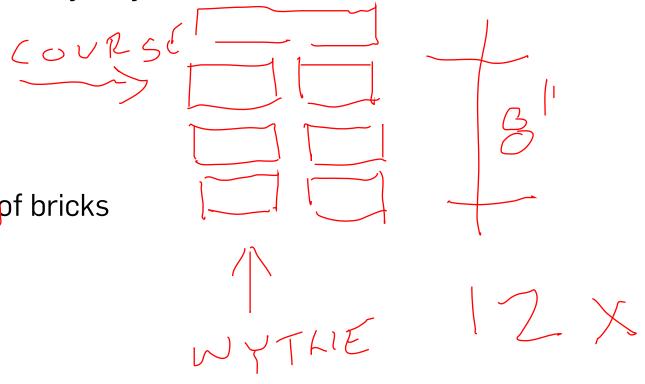


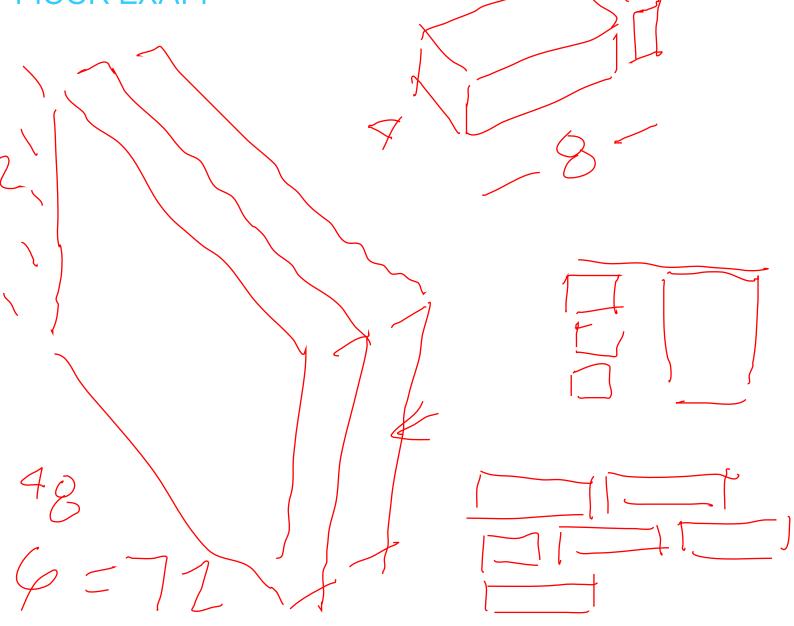
4. You are estimating how many bricks you will need to order for a 48" wide, double wythe wall that is 32" tall wall for a part of a patio design. The bricks are normal, standard bricks. How many do you need?

A. 72 B. 144

C a square of bricks

D. 768





A R E LIVE

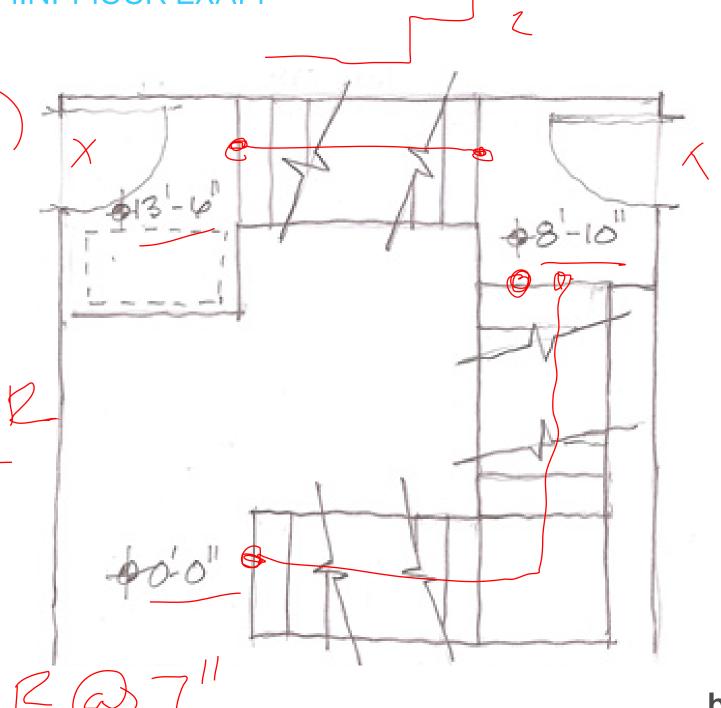
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5. How many risers are there in the sketch of the library stair:

A. 24R C. 22R B. 23R D. 25R

$$8 - 10^{10} - 796 + 10 = 106$$

 $106 \div 7 = 15.14$
 $106 \div 16 = 65/8$
 $13-6 \rightarrow 156 + 6 = 162$
 $1162 - 106 = 56$

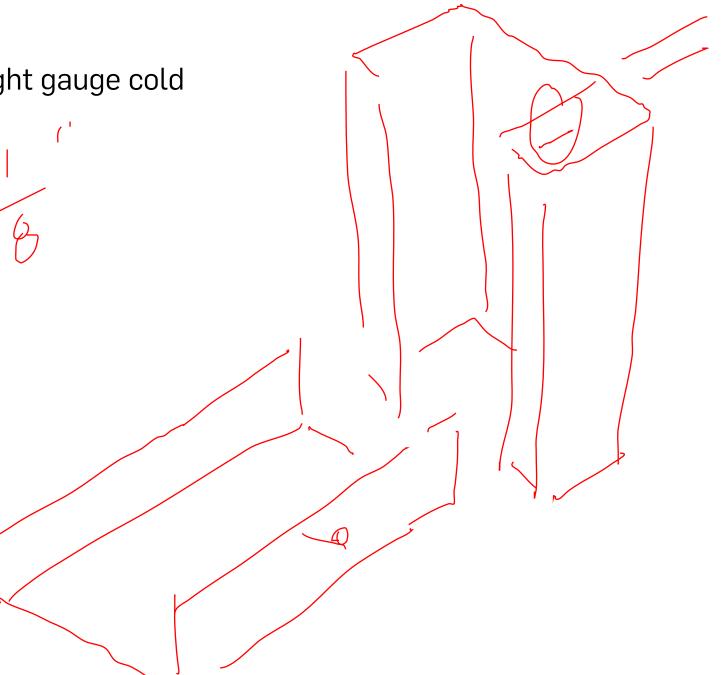


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6. What is the steel thickness range for light gauge cold rolled metal framing?

- A. 30 gauge to 8 gauge
- B. 20 gauge to 25 gauge.
- C. 8 gauge to 1/8 inch
- D. 12 gauge to 1/8 inch



BUILDING DESIGN & CONSTRUCTION SYSTEMS - MINI-MOCK EXAM

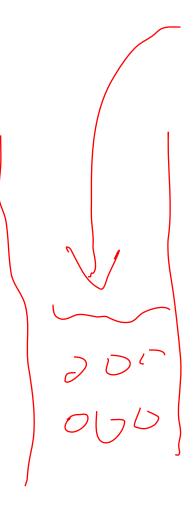
7. Pozzolans are added to concrete mix for





Superplasticizers are added to concrete mix for





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8. How many board feet is there in a 2×6 joist measuring

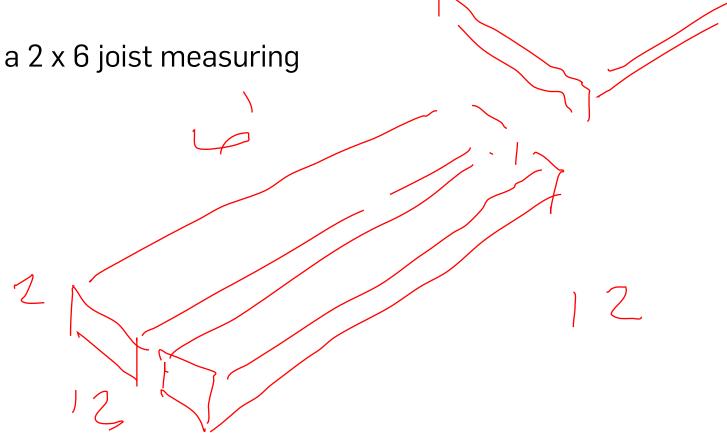
12 feet long?

A. 18 board feet

B. 12 board feet

C. 24 board feet

D. 20 board feet

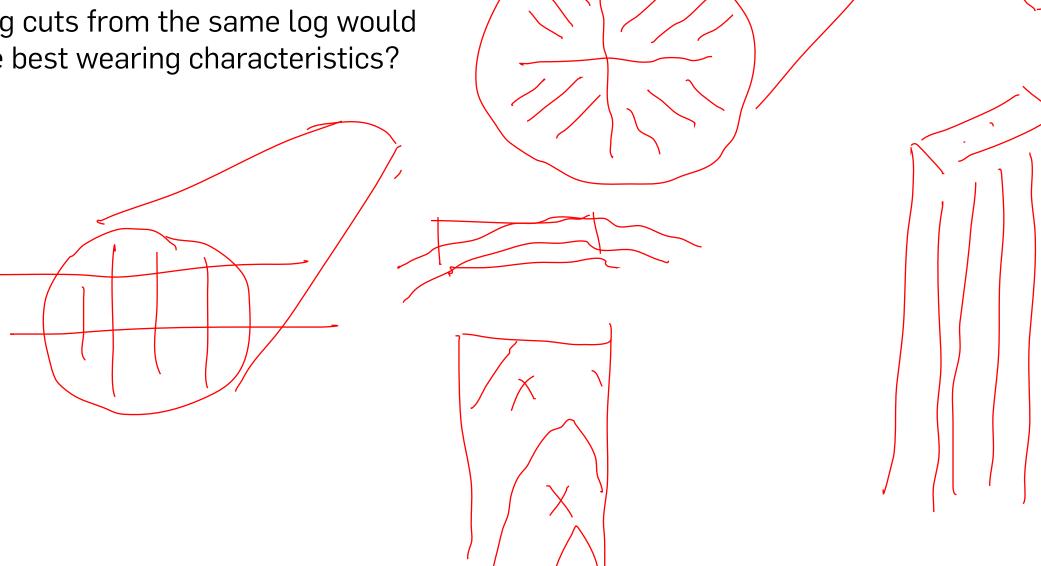


ARE

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Which of the following cuts from the same log would produce flooring with the best wearing characteristics?

- A. Quarter sawn
- B. Plain sawn
- C. Rotary sawn
- D. Half round sawn





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- 10. Increasing the carbon content in steel has what effect?
- XA. Makes steel more flexible.
 - B. Makes steel less ductile.
 - C. Makes steel more corrosion resistant.
 - D. Makes steel easier to weld.

C. 1 3 2 /6 - 5 /0

30/-50/6

ARE

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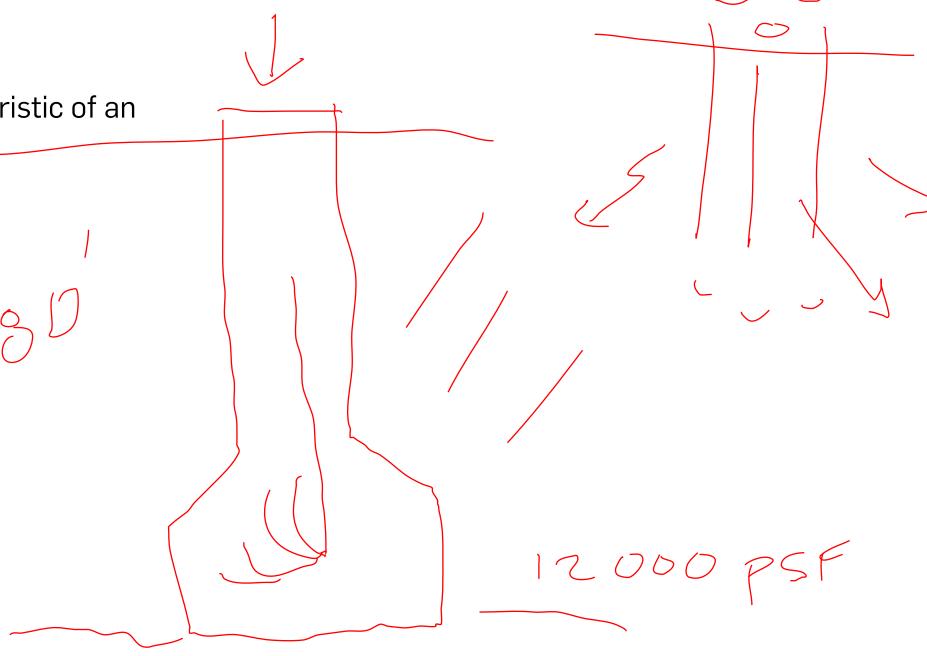
11. Which of the following is MOST characteristic of an end-bearing foundation element?

A. Timber piling

B. Belled Caisson

C. Steel micropile

D. Tapered precast concrete pile



ARE

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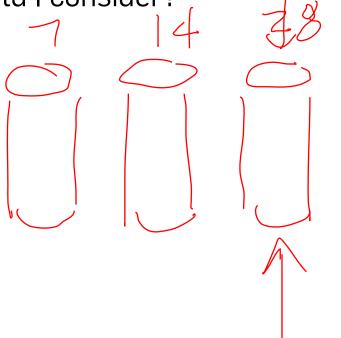
12. Standing at the jobsite watching the concrete coming out of the truck, I am worried about the concrete being too runny or wet, which test should I consider?

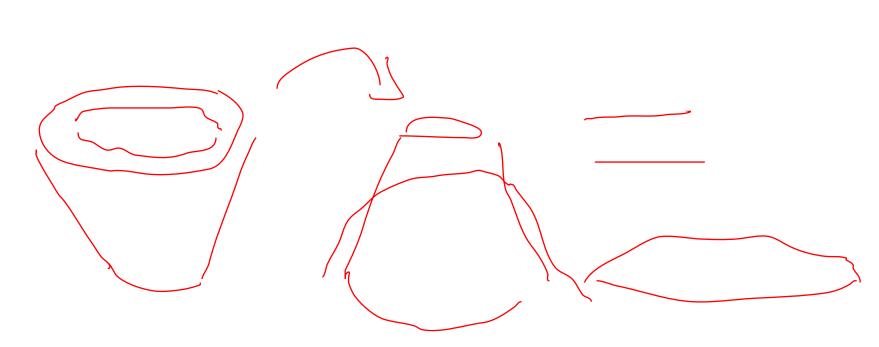


B. Cylindar Test

C. Slump Test

D. ACT Test





ARE E

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Questions?

