Problem A.

Donkeys borrowed = 30 donkeys.

Repayment = 20 depen of cupper per donkey.

Uses donkey for 16 days per month and earns 20 depens per donkey per day

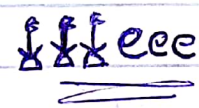
Amount Earned = 16 x 30 donkes x 20

= 9600 depens of copper.

loan = 30 x 20 = 6000 dens of copper

Depens of Copper earned = 9600
− 6000
3600

= 3600 depen of copper.

⇒  depens of copper.

Problem B

Nav spent 2 depens of cupper per donkey feed

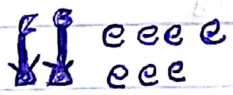
30 donkes = 60 depens

32 depens resting = 14 days.

Resting = 60 x 14 = 840 depens. 840 depens of copper

Working = 60 depens x 2 x 16 days. = 1920 depens of copper.

Spending per month = 1920 + 840 = 2760

⇒  depens of copper

Problem C

3 times for the first month, 4 for the third month

1 second month 6 for the fourth month

1 for the fifth month.

= 3 + 1 + 4 + 6 + 1
No. of months

= 15/5 = 3 ⇒ III visits

Problem D

One visit = 150 dopens per visit.

Total amount = 150 × 3 = ৭50 dopens of copper

Total earning = 9600

Expenditure = ৭50 + 2760 + 6000

= 9600 − (৭50 + 2760 + 6000)

9600 − 9210

= 390 = ∩∩∩
∩∩∩
∩∩∩ dopens of copper per month.

Problem E

16 days earns A total of 390 dopens of copper

Required amount = 1000 dopens of copper.

16 days → 390 dopens of copper.

1000 dopens of copper

~~16 day × 30 days~~.

= ৭6 days → 390 dopens of copper

1000 dopens

$= \frac{16000}{390} = ৭1$ days

৭1 − 30 = 11 days

= 16 day + 11 days. = 27 day

⇒ ∩∩ 1111
111 days

Problem 1

If 3 Pyramids have 1772 bricks. How many bricks are needed to build 7 Pyramids

If 3 Pyramids → 1772 bricks

7 Pyramids x

$$\frac{7 \times 1772}{3} = 4134.667 \approx 4135$$

⇒  bricks

Problem 2

If 1 basket of food feeds 2 camels for 3 days

Buckets needed to feed 12 camels for 1 day,

= 1 Basket = 2 camels for 3 days

? 12 camels for 1 day

$$= \frac{12 \text{ camels} \times 1 \text{ day} \times 1 \text{ packet}}{2 \times 3 \text{ day}}$$

$$= \frac{12}{6} = 2 \text{ Packs}.$$

⇒ 2 Packets of feed.

Problem 3

Taking 30000 men.

30 days to cross the desert.

Each man 2 Lt of water per day.

2 L x 30000 men.

= 600000 Litres Per 1 day

? × 30 days

$$= 600000 \times 30$$

= 18000000 Litres of water + 60 L taken by Thutmose = 18000060L

⇒  Letres of water

Problem 4

3 men to reconnoitre narrow pass for 30 days.

Each person 1 kg of food 2 L of water per day
Each camel 3 kg of food per day.

Each camel carry 150 kg
The rest 510 kg

1 kg = 1 L

3 men in 30 days = 3 kg x 3 = 9 kg per day x 30
= 270 kg per month

Camel consume 3 kg x 30 days = 90 kg.

Each camel carry 150 kg
Total consumption = 360 kg.

510 kg + 360 kg
= 870 kg

If 1 Camel → 150 kg
870 kg

$\frac{870 \times 1}{150} = 5.8 \Rightarrow$ 6 Camels.

$\Rightarrow$ III Camels.
III

Problem 1

Obtain 600 planks of finest oak. Each ship carry 40 planks.

40 planks = 1 ship.

600 planks = $\frac{600}{40}$ ships.

$= 15$ ships.

$\Rightarrow$ ∩‖ ships.

Problem 2

10 chariots.

Each need 25 new replacement wheel each week

Total number of wheels $= 25 \times 10$

$= 250$ wheels

$=$ @@∩∩∩∩ wheels.

Problem 3

Bars of Gold captured = 33416 Bars of Gold

On his way home = 8274

Total bars of Gold = 33416
8274

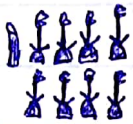
= 41690 Bars of Gold

$\Rightarrow$ 𝍸𝍸𝍸𝍸 @@@ ∩∩∩ @@@ ∩∩∩ ∩∩∩ Bars of Gold

Problem 4

50 sheets of papyrus daily
No of days = 365 days.

Nos Papyrus per year.
365 x 50 sheets
= 18,250

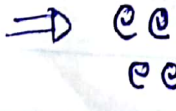
 sheets of Papyrus.

Problem 5

Builder orders 23 Blocks of stone
34 men to dray 1 block of stone sidte
In aday Each man need 1 Jar of beer

Jars of Beer to be ordered.

34 men = 1 Block
23 blocks,
= 23 x 34 = 782 Men.
Each man = 1 Jar
= 782 Jars of beer

⇒  Jars of beer.

Problem 6

Tutankhamun has reopen 7 temples.

Each temple needs to be staffed by 42 priests.

1 Sandal = 3 papyrus plant

42 Sandals.

$= 42 \times 3 = 126$ papyrus plant

$\Rightarrow$ [illegible] Papyrus Plants.