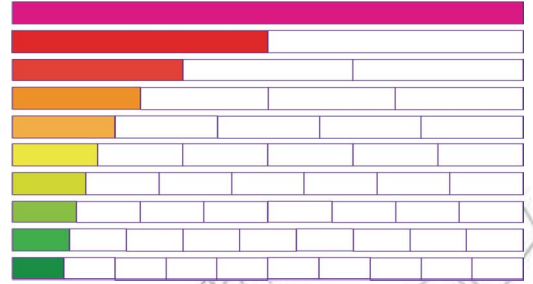
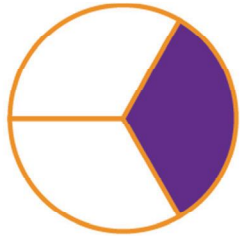


# ምዕራፍ 3

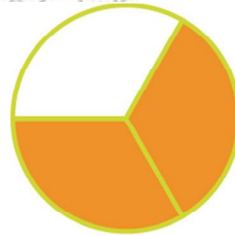


## ገዢታት

### 3.1 ድግማ ሲሶታት



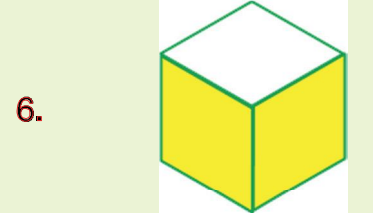
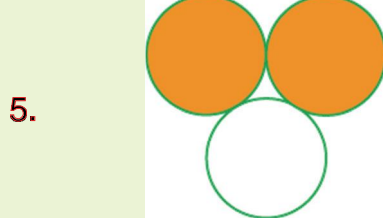
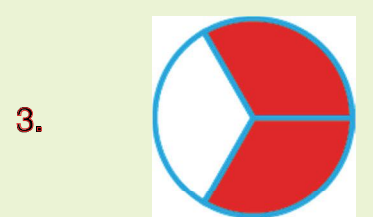
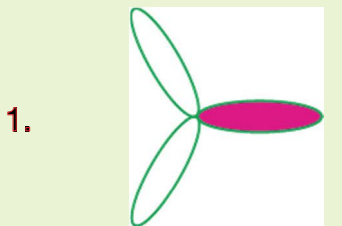
1 → ዝተቐለመ  
3 → ኣቲ መሰኸ ኣብ ክንደይ ክፋል ብማዕረ ተመራሮ?  
 ኣንትንበብ:- ሲሶ



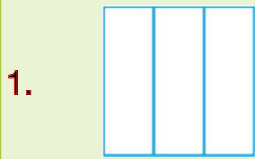
2 → ዝተቐለመ  
3 → ኣቲ መሰኸ ኣብ ክንደይ ክፋል ብማዕረ ተመራሮ?  
 ኣንትንበብ:- ክልተ ሲሶ

### መስመዳ 1

ሀ. ብገዢ ግስፁ::

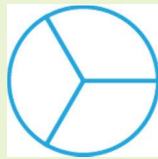


ለ. ንሕድ ሕድ ገዢ ዘውክል ክፋል ኣብቲ ስእሲ ብምቐሳም ኣርእይ::



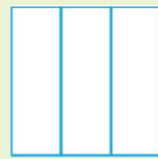
$\frac{1}{3}$

2.



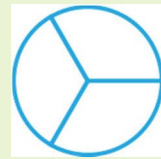
$\frac{2}{3}$

3.



$\frac{2}{3}$

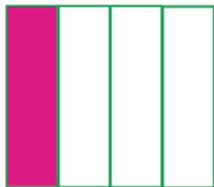
4.



$\frac{1}{3}$

### 3.2 ኣሃድ ገዢታት ካብ $\frac{1}{2}$ ክሳብ $\frac{1}{10}$

#### 3.2.1 ለዚታት ከም ክፋል ሓደ መስክ ነገር ምርዳኝ



ነዚ ስእሲ ተግዘቡ::

እቲ ስእሲ ኣብ 4 ማዕረ ቦታ ተመቐሱ ኣሎ::

ካብ ኣርባዕተኛም ምቃሳት እቲ ሓደ ተቐሲሙ ኣሎ:: [1 ክፋል ካብ 4 ማዕረ

ክፋሳት] እዚ ብገዢ እንትግስፅ  $\frac{1}{4}$  ይኸውን::

እንትገበብ:- ርባዕ

#### ንጥቓት 1

ሓደ ተምሃራይ 1 ኣራንሺ ኣብ ሰለስተ ማዕረ ቦታ መቐሱ ሓደ ክፋል ንግርኩ ሂብዎ:: እቲ ንግርኩ ዝሃዐ ክፋል ብገዢ ፅሓፉ:: ስም ናይቲ ገዢ ሰይሙ::

#### መልመዳ 2

ሀ. ንሕድ ሕድ ምስሲ ብገዢ ፅሓፉ::

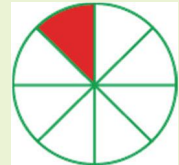
1.



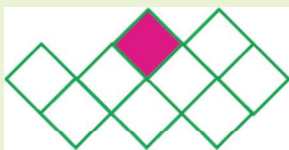
2.



3.



4.



5.



ምዕራፍ 3 - ገዢታት

ለ. ከደ ከደ ገዢ ብምስልን ብፈደልን ፅሑፍ፡፡

6.  $\frac{1}{5}$

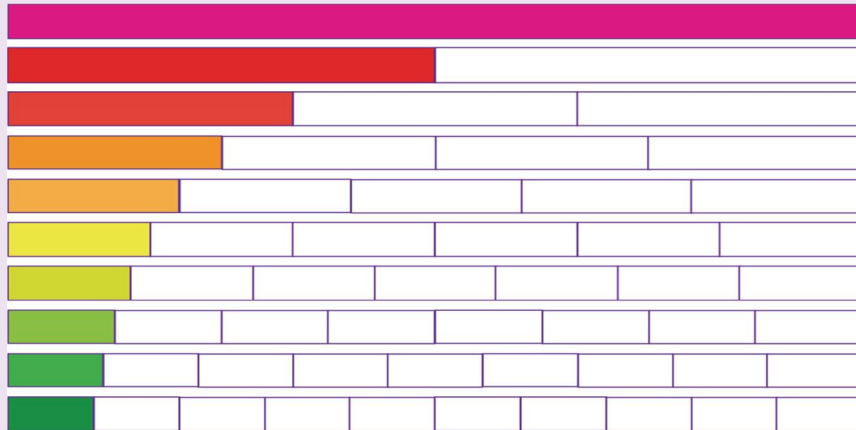
7.  $\frac{1}{4}$

8.  $\frac{1}{8}$

9.  $\frac{1}{10}$

**ንጥረት 2**

ነዞም ትሕት ኢሎም ተፃሒፎም ዘለው ምስልታት ብምርኅይ ከደከደ ዘተቐስመ ክፋል ዘውክል ገዢ ፅሑፍ፡፡



**3.2.2 ቅፃሪን ረጅሒን**

ነዞም ዘለሰቡ ገዢታት ኅስተውሰሱ

$\frac{1}{3}$  → ቅፃሪ    1 ናይቲ ገዢ ቅፃሪ እንትኾን 3 ደማ ናይቲ ገዢ ረጅሒ ይበሃል፡፡  
 $\frac{1}{3}$  → ረጅሒ

**መስመዲ 3**

ቅፃሪን ረጅሒን ከደ ከደ ገዢ ግለጹ፡፡

1.  $\frac{1}{7}$

2.  $\frac{1}{8}$

3.  $\frac{1}{4}$

4.  $\frac{2}{3}$

5.  $\frac{1}{5}$

6.  $\frac{1}{10}$

ነዞም ተፃሒቦም ዘለው ቅፃሪን ረጅሒን ብምጥቃም ከደ ከደ ብገዢ ፅሑፍ፡፡

7. ቅፃሪ → 2 ረጅሒ → 3 ገዢ  $\frac{\square}{\square}$

8. ቅፃሪ → 1 ረጅሒ → 8 ገዢ  $\frac{\square}{\square}$

9. ቅፃሪ → 1 ረጅሒ → 9 ገዢ  $\frac{\square}{\square}$

### 3.3 ፍርቅን ርብዕን

#### ሀ. ፍርቅ

ዝኾነ ሙሉእ ቁፅሪ ንክልተ ማዕረ እንትምቀል ዝርከብ ብፅሒት ፍርቅ ናይቲ ቁፅሪ ይበሃል።

**ክብኣት፡-**



$6 \div 2 = 3$   
ስለዚ 3 ፍርቅ 6 እዩ።



$16 \div 2 = 8$   
ስለዚ 8 ፍርቅ 16 እዩ።

#### ለ. ርባዕ

ዝኾነ ሙሉእ ቁፅሪ ንኣርባዕተ እንትምቀል ዝርከብ ብፅሒት ርባዕ ናይቲ ቁፅሪ ይበሃል።

**ክብኣት፡-**



$12 \div 4 = 3$   
ስለዚ 3 ርባዕ 12 እዩ።

### መጠመዲ 4

**ሀ.** ፍርቅ ናይዞም ዘስዕቡ ቁፅርታት ድለዩ።

1. 2      2. 4      3. 12      4. 20      5. 46      6. 50

**ለ.** ርባዕ ናይዞም ዘስዕቡ ቁፅርታት ድለዩ።

1. 4      2. 8      3. 16      4. 12      5. 20      6. 40

**ሐ.** ቃል ግድሳት

- ዓሰርተ ባሊቃታት ነይሮምኒ። ፍርቆም ንሓወይ እንተሂበዮ ክንደይ ባሊቃታት ይተርፉኒ?
- ኣብ ሓደ ዘምቢል 24 እንቋቕሖ ነይሮም። ርብዕም እንተተሸይጦም ክንደይ እንቋቕሖ ይተርፉ?

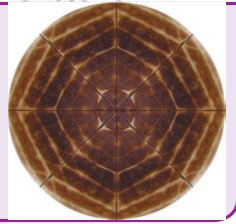
ምዕራፍ 3 - ገዢታት

3. ኣይተ በላይ 80 ኣባጊዕ ነይረንኦም። ፍርቀን እንተሸይጦምወን ክንደይ ይተርፈኦም?
4. ፍርቂ 30 ክንደይ እዩ?
5. ርባዕ 100 ክንደይ እዩ?

**3.4 ምዑድዳር ቀለልቲ ገዢታት**

**ንጥረት 3**

ኣበበ ሓደ ሕምባሻ ኣብ ሸምንተ ማዕረ ቦታ መቐሎ መሓዙቱ ንዝኾነ ስምኡንን ዓሊን ሂብዎም። ስምኡን ሰለስተ ምቃል፣ ዓሊ ድማ ክልተ ምቃል እንተወሲዶም ዝበዝሐ ክፋል ሕምባሻ ዝወሰደ መን እዩ?



**ክብነት፡-**  $\frac{1}{4}$  ን  $\frac{2}{4}$  ን ኣወዳድሩ።

$\frac{1}{4}$  ሓደ ርባዕ እንትውክል  $\frac{2}{4}$  ድማ ክልተ ርባዕ ይውክል። ስለዚ  $\frac{1}{4} < \frac{2}{4}$

→ ገዢታት እንትነወዳድር ረቛሒኦም ማዕረ እንተኾይኑ ዝነኣሰ ቆፃሪ ዘለዎ ገዢ ዝነኣሰ እዩ።

**ክብነት፡-**  $\frac{2}{7}$  ን  $\frac{4}{7}$  ን ኣወዳድሩ።

**ጭክ** ሕድ ሕድ ገዢ ማዕረ ረቛሒ ኣለዎም። ስለዚ ሕድ ሕድ ቆፃሪ ነወዳድር።

ስለዚ  $2 < 4$  ስለዝኾነ  $\frac{2}{7} < \frac{4}{7}$

**መስመዲ 5**

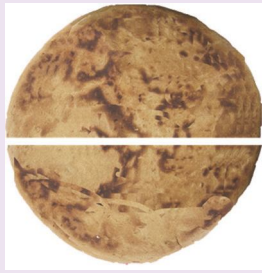
< ወይ ድማ > ብምጥቃም ሕድ ሕድ ሰምዲ ገዢታት ኣወዳድሩ።

- |   |   |   |
|---|---|---|
| 1. $\frac{1}{4} \text{ --- } \frac{3}{4}$   | 2. $\frac{3}{8} \text{ --- } \frac{1}{8}$ | 3. $\frac{2}{6} \text{ --- } \frac{3}{6}$ |
| 4. $\frac{4}{10} \text{ --- } \frac{3}{10}$ | 5. $\frac{7}{9} \text{ --- } \frac{8}{9}$ | 6. $\frac{5}{5} \text{ --- } \frac{3}{5}$ |

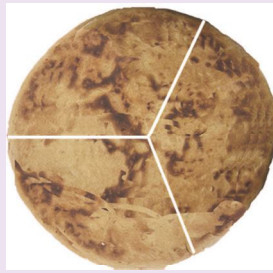
**ንጥረት 4**

1. ኣበበ ሓደ ቅጫ ኣብ ክልተ ማዕረ ቦታ መቐሎ ሕድሕድ ምቃል 32 መሓዙቱ ሂብዎም። ፎዝያ ድማ ሓደ ተመጣጣኒ ዝኾነ ሕምባሻ ኣብ ሰለስተ ማዕረ ቦታ መቐሎ

ሕድ ሕድ ምቃል ን3 መሓዙታ ሂባቶም። ካብ ክልቲኦም ዝበዘሐ ክፋል ሕምባሻ ንመሓዙቱ ዝሃበ መን እዩ?



$$\frac{1}{2}$$



$$\frac{1}{3}$$

2. ማዕረ ንውሓት ዘለዎም ራክታንግላት ብምጥቃም ካብ  $\frac{1}{2}$  ክሳብ  $\frac{1}{10}$  ዘለዉ ጉዚታት ብምቕላም ኣርእዩ። ቀዲልኩም ድማ ሕድሕድ ጉዚ ካብ ዝነኣሰ ናብ ዝግበዩ ብቕደም ሰዓብ ፅሓፉ።

**ክብነት:-**  $\frac{1}{4}$  ን  $\frac{1}{2}$  ን ኣወዳድሩ።

**ጭኽ** ሕድ ሕድ ጉዚ ቆፃሪኦም ማዕረ እዩ። ብምኻኑ ረቛሒ ነወዳድር። ዝነኣሰ ረቛሒ ዘለዎ ጉዚ ዝግበዩ እዩ።

ስለዚ  $\frac{1}{4} < \frac{1}{2}$

**ክብነት:-**  $\frac{3}{5}$  ን  $\frac{3}{7}$  ን ኣወዳድሩ።

**ጭኽ** ሕድ ሕድ ጉዚ ቆፃሪኦም ማዕረ እዩ። ረቛሒኦም ድማ እንትወዳደር  $5 < 7$ ።

ስለዚ  $\frac{3}{7} < \frac{3}{5}$

→ ጉዚታት እንትነወዳደር ቆፃሪኦም ማዕረ እንትኾይኑ ዝነኣሰ ረቛሒ ዘለዎ ጉዚ ዝግበዩ እዩ።

**መልመዳ 6**

< ወይ ድማ > ብምጥቃም ሕድሕድ ፅምዳ ጉዚታት ኣወዳድሩ።

- |                                   |                                  |                                  |
|-----------------------------------|----------------------------------|----------------------------------|
| 1. $\frac{1}{4}$ — $\frac{1}{3}$  | 2. $\frac{1}{2}$ — $\frac{1}{8}$ | 3. $\frac{2}{8}$ — $\frac{2}{6}$ |
| 4. $\frac{3}{10}$ — $\frac{3}{7}$ | 5. $\frac{1}{3}$ — $\frac{1}{9}$ | 6. $\frac{3}{5}$ — $\frac{3}{4}$ |